

# JACOBS

## TES IV



**JACOBS ENGINEERING GROUP INC.  
ENVIRONMENTAL SYSTEMS DIVISION**

IN ASSOCIATION WITH:  
TETRA TECH  
METCALF & EDDY  
ICAIR LIFE SYSTEMS  
KELLOGG CORPORATION  
GEO/RESOURCE CONSULTANTS  
BATTELLE PACIFIC NORTHWEST LABORATORIES  
DEVELOPMENT PLANNING AND RESEARCH ASSOCIATES

**ENVIRONMENTAL PROTECTION AGENCY  
TECHNICAL ENFORCEMENT SUPPORT  
AT  
HAZARDOUS WASTE SITES**

**TES IV  
CONTRACT # 68-01-7351  
WORK ASSIGNMENT NO. 325  
LAND DISPOSAL RESTRICTIONS INSPECTION**

**AT**

**BAY AREA ENVIRONMENTAL  
RICHMOND, CALIFORNIA  
CAT080014079**

*10-08-87*

**JACOBS ENGINEERING GROUP, INC.  
PROJECT NO. 05-B325-00**

**October 1987**

**INSPECTION REPORT  
PREPARED FOR  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION IX  
TOXICS AND WASTE MANAGEMENT DIVISION  
COMPLIANCE AND RESPONSE BRANCH**

**LAND DISPOSAL RESTRICTIONS INSPECTION**

<b>FACILITY:</b>	Bay Area Environmental 1125 Hensley Street Richmond, California 94804
<b>EPA IDENTIFICATION NUMBER:</b>	CAT 080014079
<b>DATE OF INSPECTION:</b>	October 8, 1987
<b>EPA INSPECTOR:</b>	Martha Williams Jacobs Engineering Group, Inc.
<b>FACILITY REPRESENTATIVES:</b>	Robert J. Sisneros Vice President  David Burton Facility Manager  John H. Tillman Technical Director  Gus Petsas CPA Controller

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**LAND DISPOSAL RESTRICTIONS INSPECTION  
BAY AREA ENVIRONMENTAL  
WORK ASSIGNMENT NO. 325**

**1.0 INTRODUCTION**

On October 8, 1987 a Land Disposal Restrictions Inspection (LDR) was conducted by Jacobs Engineering Group, Inc. (Jacobs) personnel at Bay Area Environmental (BAE) in Richmond, California. The inspection constitutes partial fulfillment of the Technical Enforcement Support (TES) IV Contract, Work Assignment No. 325, for EPA Region IX.

This report includes a discussion of the facility's waste management practices, a review and discussion of facility documents pertinent to land disposal restrictions, observations made during the inspection, and a list of potential violations on the part of the facility. Photographs taken during the inspection (Attachment A), the LDR (Attachment B) and California List Waste Checklists (Attachment C), and documents requested by Jacobs inspectors are included as attachments to this report (see previous page for listing).

**2.0 BACKGROUND**

**Nature and History of Facility**

BAE is one of a group of independent corporations owned by J.J. Magana (see Attachment D for further information on these corporations). BAE began operating in 1983 as a hazardous waste storage and transfer facility under a Hazardous Waste Facility Permit (Attachment E) from the California Department of Health Services (DHS). According to an in-house document (Attachment D), BAE incorporated in 1985. Prior to 1986, BAE processed approximately 250 55-gallon drums and 100 5-gallon drums per year, serving household and small-quantity generators of hazardous wastes. In 1986, large quantity generators were added to BAE clientele and the amount of waste processed increased to approximately 200 55-gallon drums per month (See Annual Reports, Attachment F). During 1986 and 1987 BAE worked out rental agreements with four major hazardous waste companies: International Technology (IT), Erikson, Inc., Rollins Environmental Services and Chevron USA, Inc. These companies pay a set daily fee to store wastes at BAE. BAE requires the companies to assume the responsibility for profiling waste and making arrangements for disposing of waste that has been brought on site by these companies.

Within the last year BAE has been working with DHS to establish a fully-equipped and certified hazardous waste analytical laboratory on site. This process is almost complete and the company expects the lab to be certified soon.

**Wastes Accepted at the Facility**

The facility's Part A (Attachment G) lists only a few waste types. The 1983 revision of the facility Operation Plan (Attachment H) indicates a potential for any waste identified in 40 CFR Part 261.33(a-f) to be handled at the facility.

Comparison of the Part A with the Operation Plan and DHS permit indicates the amount of growth this company has experienced.

According to the DHS Permit, the facility is prohibited from handling or storing the following types of wastes:

- o extremely hazardous wastes,
- o wastes in bulk,
- o burning wastes,
- o forbidden and Class A explosives (e.g., nitroglycerin, firecrackers, high explosives, ammunition for weapons or rockets, blasting caps),
- o wastes containing polychlorinated biphenyls (PCB's), and
- o water-reactive wastes in quantities greater than 5 gallons at one time.

#### **Waste Management**

BAE's Operation Plan (Attachment H), revised in 1983, states that the facility "collects, receives and transfers containerized waste from small householders and small industrial establishments". Since 1986, however, the facility has greatly expanded its operations. Many of BAE's current clients are major industrial large-quantity generators. Further, not all wastes are shipped off site in containers; liquid containerized wastes are occasionally consolidated into vacuum trucks for removal. The facility received a variance from DHS in 1984 permitting BAE to accept waste from large-quantity generators (Attachment I). However, it is not clear whether this variance is still in effect. The Jacobs inspector did not find a variance permitting bulk waste handling in BAE's files.

The 1983 revision of the Operation Plan (Attachment H) is ambiguous with regard to waste analysis, stating alternately that all wastes are spot tested (e.g., tested for pH, flammability and water reactivity) and that only unlabeled wastes are spot tested. It is not clear which practice the facility intended to implement. According to John Tillman, Technical Director, waste analysis for the past year or so has involved:

- o visual check of information on the manifest for an incoming load,
- o visual check of the load to see if it conforms to manifest information,
- o spot testing the load (using parameters mentioned above) if there appears to be a discrepancy, and
- o use of the Haz Cat sampling kit to further quantify waste, or, if necessary, pursuing further testing (via contract labs or, currently, via BAE's lab) if the discrepancy appears to be significant.

Neither Mr. Tillman nor any other BAE employee present during the inspection was familiar with pre-1986 waste analysis practices at BAE.

Mr. Tillman stated that BAE intends, in the very near future, to systematically screen all incoming loads and maintain waste stream profiles, derived through BAE's lab, for all incoming wastes.

After wastes are accepted on site they are segregated for storage. Acids, poisons and caustics are separated and stored in bermed concrete cells in a 30' x 60' building (Attachment A, Photograph 3; Attachment J, map). Flammables and oxidizers are separated and stored in another concrete-bermed storage building that measures 30' x 40' (Attachment A, Photograph 4).

Handling done on site consists of over-packing leaking 55-gallon drums when necessary, lab packing small hazardous waste containers into 55-gallon drums, transferring liquid waste from drums to tanker trucks, and cleaning up accidental spills.

The facility still receives small quantities of hazardous wastes, brought to the Hensley Street site by home-owners.

BAE is permitted to store wastes for up to one year. Immediately prior to shipment out of the facility, all wastes are relabeled and remanifested. In all cases, (including transactions involving wastes brought in by IT, Erikson, Rollins or Chevron) BAE is listed as the generator on outgoing manifests.

### 3.0 SITE INSPECTION

Prior to touring the storage areas, the Jacobs inspector accompanied Mr. Tillman on a tour of the laboratory. The lab is equipped to do a full range of analyses (Attachment K). The laboratory began running samples of incoming wastes on September 24, 1987, as recorded in the lab sample analysis log (Attachment L).

Mr. Burton, the Facility Manager, and Mr. Sisneros, BAE's Vice President, accompanied the Jacobs inspector during the site inspection. The site is small. The office and laboratory (Attachment A, Photograph 1) and drum storage areas (Photographs 3 and 4) are located within 10 to 20 yards of each other. A garage adjacent to the office (Photograph 5) houses adsorbents (used in spill clean up and lab packing), a drum crusher and clean, empty drums (used for lab packing). Crushed drums are collected in roll-off boxes (Photograph 2) for shipment to Casmalia Resources.

The Jacobs inspector encountered only one violation of hazardous waste regulations during this site inspection. This was, according to Mr. Burton's statement, that restricted waste containers are not dated when accepted into storage at BAE. Wastes are routinely relabeled (with BAE as the generator listed on the label) only when shipment off site is imminent. Of the approximately 400 drums present on site at the time of the inspection, the inspector did not observe any drums marked to indicate the date they were accepted into storage. Most drums had the original generator's label only. Those that were newly labeled by BAE personnel were, according to Mr. Burton, labeled in preparation for shipment.



#### **4.0 DOCUMENT REVIEW**

All of the documents requested by Jacobs were provided by BAE except copies of the facility's Biennial Reports. Neither Mr. Burton nor Mr. Sisneros was aware of any reporting requirements beyond the annual reporting required by DHS.

##### **Waste Analysis Plan**

As previously mentioned, the facility's Waste Analysis Plan, which is included in the 1983 revision of the Operation Plan, (see Attachment H) does not clearly indicate routine testing procedures for incoming wastes. In addition, the spot tests referred to in this plan, i.e., pH, water reactivity and flammability, would not provide sufficient information to comply with the requirements for waste characterization as specified in 40 CFR Part 264.

A draft update of the Waste Analysis Plan was supplied to Jacobs at the time of this inspection (Attachment M). The document is entitled "Acceptance Procedures" and reads more like a procedural guide for employees than a waste analysis plan. Spot tests listed in this document (e.g. Haz Cat testing, checking for free liquids and pH, and visual load checking) would not be sufficient to determine whether restricted F-solvents or California list wastes were present in loads. Nowhere is it stated that BAE requires generators to (1) adequately determine whether wastes are restricted and (2) supply sufficient data to prove their claims. Nor does the document address procedures and policies to be followed if a discrepancy in waste characterization is found.

At the time of this inspection, Mr. Tillman provided a further addition to the draft waste analysis plan (Attachment N). This document, which is untitled, promotes testing of all incoming waste. The testing parameters are more inclusive than those in the 1983 revision of the plan, however, the details of implementation are omitted. It is, therefore, unclear which tests will be administered, how such testing will be accomplished and what guidelines will be followed in assessing incoming wastes.

##### **Operating Record**

For approximately six months BAE has been sending monthly reports to DHS. The July, August and September 1987 reports are included as Attachment O in this report. These reports fulfill the requirements for maintaining an operating record, as specified in 40 CFR 264.73, in that incoming waste quantities and descriptions are recorded; however, no further data on the date and method of storage and disposal are routinely recorded.

There is an internal accounting system in place to track the four storage renters: IT, Erikson, Rollins and Chevron (Attachment P). While this document provides complete information on waste brought into BAE by one of these companies, it does not account for any other wastes stored at BAE. It should be noted that this system was only recently implemented and information was only available for IT and Rollins.

##### **Uniform Hazardous Waste Manifests**

Since BAE does not have an adequate tracking system to account for its waste, the Jacobs inspector collected and reviewed manifests for the months of July, August, September and

October 1987. One incoming manifest for the month of May was also reviewed. When questioned, Mr. Burton stated that manifests on file at the facility would have any pertinent laboratory or generator-supplied information attached to them.

Manifests that appeared to be inadequate are included in this report as Attachment Q. These manifests are divided into two groups - Incoming Manifests (Attachment Q-1) and Outgoing Manifests (Attachment Q-2) - and separated by month.

The manifests and corresponding deficiencies are summarized in Tables 4-1 and 4-2.

### **Incoming Manifests**

In reviewing BAE's incoming manifests it became apparent that the facility consistently accepts wastes that are coded incorrectly. Specifically, the D001 code is used for wastes that should be coded as restricted solvent wastes (Attachment Q-1, July-October). Improperly coded California list wastes are also accepted (see Attachment Q-1, August). When wastes were properly identified as restricted, the facility failed to obtain the required notification from the generator (Attachment Q-1, August; Table 4-1) In some cases, incoming wastes are not sufficiently characterized, either by laboratory testing or through generator-supplied information, to determine whether they are restricted. Thus, BAE does not require sufficient information of its clients to be able to determine whether incoming wastes are restricted, and BAE does not subsequently test poorly characterized wastes to determine if they are restricted.

It is difficult to determine whether incoming solvent wastes bearing P or U codes are in fact off-specification products. Even if in the original container, unless the container has an unbroken seal, testing may be the only method for verifying waste content. Although BAE does not receive a large volume of solvents with these codes, the situation is mentioned here as a potential enforcement problem.

### **Outgoing Manifests**

In remanifesting waste, BAE perpetuated the errors discussed for incoming manifests. Solvent wastes were coded as D001, California list wastes were improperly coded (Attachment Q-2, May, July and September; Table 4-2) Wastes which appear to be restricted were insufficiently characterized. Since BAE did not require sufficient information from the generator, characterization would have had to involve analytical testing by BAE before remanifesting the wastes (Attachment Q-2, May, July and August; Table 4-2).

As stated by Mr. Burton, BAE intends to set up a data base to track wastes through the facility. At present this tracking is only haphazardly accomplished. Some remanifested waste documents reference the original manifests, but others do not (Attachment Q-2, August; Table 4-2) Without this reference the Operating Record is incomplete.

Mr. Burton was asked whether he sent the required notification/certification with remanifested restricted wastes. He responded that he did so when sending wastes to certain facilities (eg., Solvent Services) which had forwarded forms to BAE to use when

**TABLE 4-1**  
**ANALYSIS OF INCOMING MANIFESTS**  
**JULY - OCTOBER 1987**

<b>Manifest Number</b>	<b>Generator</b>	<b>Observed Problem(s)</b>
<b>July</b>		
87041637	Mt. Diablo Hospital	Listed xylene as D001. Manifest accepted by BAE.
<b>August</b>		
87041663	BARD Cardio- vascular Surgery	No notification at- tached to manifest.  No generator - supplied data attached to manifest.
87041674	Xoma Corp.	Solvent waste listed as D001. No supporting documentation from generator.
87041665	Wesco Labs	No notification or in- formation on con- centrations for this F001 waste was obtained by BAE.
87041673	Xoma Corp.	Mixed solvent listed as D001; no supporting documentation attached to manifest.
87041688	Ion Systems	Waste MEK given D001 code. Manifest accepted by BAE.
87087377	Alyeska Pipeline Service Co.	D001 code used but gen- erator-supplied data indicate wastes are California list wastes. Manifests accepted as is by BAE.

September

87041703	Ion Systems	MEK given D001 code. Manifest accepted as is by BAE.
87441997 and 87441998	Clayton Environmental Consultants	Waste contains Hg and Cr according to manifest, but no other documentation regarding concentrations of these metals is attached to the manifest.
87298059	Lockheed Missles and Space Co.	According to attached generator-supplied information, waste listed as D001 is actually F005. Manifest accepted as is by BAE.
87298058	Lockheed Missles and Space Co.	Generator claims waste is <1% MEK, but supplies no corroborative evidence.  Waste Freon and waste MEK incorrectly labeled as D001.  BAE accepted manifest as is.
87298064 and 87298060	Lockheed Missles and Space Co.	Generator-supplied data completely for characterizing waste.
87041691	Lockheed Missles and Space Co.	Waste MEK listed as D001. Manifest accepted by BAE.
87403275	Bureau of Land Management	Generator-supplied information on "D001 waste flammable liquid" is inadequate.

October

87298072	Lockheed Missles and Space Co.	At least one constituent in this lab pack is MEK at 10%.  Other solvents listed in lab pack require further characterization.
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BAE accepted manifest  
with waste listed as  
D001.

87041738

Ion Systems

Waste MEK listed as D001.  
Manifest accepted as is  
by BAE.

TABLE 4-2

ANALYSIS OF OUTGOING MANIFESTS  
MAY 1987 AND JULY - SEPTEMBER 1987

<u>Manifest No.</u>	<u>Observed Problem(s)</u>
May	
86490647	<p>Manifest acquired during inspection of IT San Jose by Jacobs on September 21, 1987.</p> <p>Waste contains high percentage of unidentified solvents. May be a restricted waste. Requires further characterization.</p> <p>If waste had been shipped after July 8, 1987, it would have been a miscoded restricted waste by virtue of the Pb and CR+6 concentrations.</p> <p>Waste code should have at least included: D007 and D008.</p> <p>Manifest indicates CN "was detected" in waste, but no levels are quoted and no supporting documentation is attached to manifest.</p>
July	
87041648	Manifest accounts for 79 drums, but no details about drum contents are attached to manifest.
87041649	No information about waste attached to manifest.
87041652	Manifest lists "hydrocarbon solvents" as D001. No specific information about solvents is attached to manifest.
87041650	Code #D000 is a retired code.
87041645	<p>No information attached to manifest. Load was rejected at Vine Hill and remanifested to Arkansas according to manifest - presumably for incineration.</p> <p>No record of new manifest - #AR111476 - found during inspection.</p>

August

87041680 No reference is made to original incoming manifest(s), so there is no way to track this waste through the facility.

Not enough information is given about this waste; no documentation was attached to manifest.

87041676 There is no specific information about the pH of this acid. It may be a California list waste.

87041679 No reference is made to original incoming manifest, so this waste cannot be tracked through the facility.

87005954 This manifest accounts for 56 drums of acid. This pH of this acid is not specified. There is no generator-supplied information attached to the manifest. Waste could be a California list waste.

September

87041708 MEK listed as D001 waste. Alcohol in waste not identified. No reference is made to original incoming manifest(s), so waste cannot be tracked through facility.

87041692 No information on waste is attached to manifest.

87041700 Waste is inadequately characterized. No reference is made to original incoming manifest(s), so waste cannot be tracked through facility.

87005934 No information attached to this manifest. No reference to original incoming manifest. No way to determine whether waste may be California list waste.

shipping waste. Otherwise, he stated, restricted waste notification/certification was not being consistently implemented. Mr. Burton said that he was not purposefully failing to notify, he didn't realize it was required. He further stated an intention to correct the error.

## **5.0 AREAS NOT INSPECTED**

All known hazardous waste storage areas were inspected.

## **6.0 POTENTIAL VIOLATIONS**

The following potential violations were found as a result of the LDR inspection at BAE:

### **1. General Waste Analysis**

40 CFR 264.13(a)(1-4) and (c) require the owner or operator of a facility to obtain detailed analyses of hazardous waste handled in order to treat, store and/or dispose of it in accordance with 40 CFR Part 268. Analysis must be repeated as necessary to ensure accuracy. The owner or operator of an off-site facility must determine whether incoming waste matches the identity of waste specified on accompanying manifests.

On October 8, 1987 Jacobs reviewed BAE documents and found evidence that incoming restricted wastes were improperly coded (Attachment Q-1, Table 4-1). In addition, incoming wastes were not adequately characterized by the generator, either through analytical testing or other documentation (Attachment Q-1, Table 4-1). BAE did not subsequently perform any analysis on poorly characterized wastes.

### **2. Manifest System, Recordkeeping and Reporting**

40 CFR 264.71 (c) states that whenever a shipment of hazardous waste is initiated from a facility, the owner or operator must comply with the requirements of Part 262.

On October 8, 1987, during an inspection of BAE, the Jacobs inspector requested copies of generator biennial reports which are required of generators under 40 CFR 262.41. Mr. Sisneros and Mr. Burton, representing the facility, stated that they were unaware of any reporting requirements beyond the annual reporting required by DHS.

On October 8, 1987 Jacobs reviewed BAE documents and found that restricted wastes were not being properly identified as restricted as required of generators under 40 CFR 262.11 (d) (Attachment Q; Tables 4-1 and 4-2).

### **3. Operating Record**

40 CFR 264.73(a)(b)(1-2) specifies that an owner or operator must keep a record that provides: (1) a description and the quantity of waste received, (2) method and date of treatment, storage and/or disposal, (3) location and quantity of each waste within the facility, and (4) specific cross-referencing to manifest numbers.



On October 8, 1987 Jacobs reviewed BAE's Operating Record. The document was found to be deficient in that (1) the method and date of waste storage and disposal was not consistently documented, (2) the location and quantity of each waste within the facility was not recorded, and (3) cross-referencing of manifest numbers was not consistently carried out.

#### 4. Operating Record

40 CFR 264.73(b)(9) requires the owner or operator of an off-site facility to maintain records of the notification required of restricted-waste generators under 40 CFR 268.7(a)(1).

On October 8, 1987 Jacobs reviewed BAE documents and found no evidence of required notifications from restricted-waste generators included in the facility Operating Record (Attachment Q-1).

#### 5. Biennial Report

40 CFR 264.75 requires an owner or operator of an off-site facility to prepare and submit a copy of a biennial report to the Agency each even-numbered year. The report must cover facility activities for the previous calendar year.

On October 8, 1987, during an inspection of BAE, the Jacobs inspector requested copies of facility biennial reports. Mr. Sisneros and Mr. Burton, representing the facility, stated that they were unaware of any reporting requirements beyond the annual reporting required by DHS.

#### 6. Waste Analysis

40 CFR 268.7(a) states that a generator must determine, through testing or documented knowledge of a waste, whether the waste is restricted from land disposal.

On October 8, 1987 Jacobs reviewed BAE documents. BAE was accepting misclassified restricted wastes (e.g., F-solvents classified as D001) from its clients (Attachment Q-1, Table 4-1). BAE did not analyze these wastes before remanifesting them for shipment off site. Outgoing manifests listed BAE as the generator, and the misclassification errors were perpetuated (Attachment Q-1 and Q-2, Tables 4-1 and 4-2).

#### 7. Prohibitions on Storage of Restricted Wastes

40 CFR 268.50(a)(2) allows an owner or operator to store restricted wastes for purposes outlined in this part only if each container or tank is clearly marked to identify its content and the date it entered storage.

On October 8, 1987 during an inspection of BAE, Mr. Burton, representing the facility, told the Jacobs inspector that drums were not labeled with the date of entrance into storage. He further stated that drums only received new labels and dates immediately prior to shipment off-site. The inspector observed that most of the approximately 400 drums on site bore only the original generator's label.

#### 8. 268.7(a)(1)

no documentation to be found for the facility's waste disposal records.  
- 12 -



**ATTACHMENT A**

<b>FACILITY:</b>	<b>Bay Area Environmental</b>
<b>DATE:</b>	<b>October 8, 1987</b>
<b>PHOTOGRAPHER:</b>	<b>Martha Williams</b>
<b>FACILITY REPRESENTATIVE:</b>	<b>David Burton</b>



**PHOTOGRAPH # 1  
OFFICIAL PHOTOGRAPH  
JACOBS ENGINEERING GROUP, INC.**

**Subject:      BAE office and laboratory building.**



**PHOTOGRAPH # 3  
OFFICIAL PHOTOGRAPH  
JACOBS ENGINEERING GROUP, INC.**

**Subject:      Acid, poison and caustic chemical storage building at BAE.**





**PHOTOGRAPH # 5  
OFFICIAL PHOTOGRAPH  
JACOBS ENGINEERING GROUP, INC.**

**Subject:      BAE storage garage that houses adsorbents (used in spill cleanup and lab packing), drum crusher (green machine to left) and empty packing drums.**



**ATTACHMENT B**

**LDR CHECKLIST**



1. FACILITY IDENTIFICATION

Bay Area Environmental 1125 Hensley Street

A. Site Name B. Street (or other identifier)

Richmond CA 94804 Contra Costa

C. City D. State E. Zip Code F. County Name

TSD with permit to store  $\leq$  1 year; a waste collection, storage and transfer facility

Description of Operations

CAT 080 014 079

G. EPA ID #

David Burton, Facility Manager (415) 233 8001

H. Facility Contact (Name and Phone Number)

### I. TRANSPORTER REQUIREMENTS

#### Comments

Does the transporter store restricted wastes for greater than 10 days [268.50(A)(3)]?

☒ Yes ☐ No

If yes, does transporter have 264/265 status as storage facility (e.g., has submitted part A?)

☒ Yes ☐ No

Does a review of records indicate storage of restricted wastes for greater than 10 days?

☐ Yes ☐ No NA see A(1)

Describe inventory controls to ensure that restricted wastes are not stored for greater than 10 days.

NA See A(1)

DRAFT

JACOBS Engineering  
Martinez CA  
Telephone no: (415) 228-9700

RCRA LAND RESTRICTION  
F- SOLVENT  
GENERATOR CHECKLIST

I. HANDLER IDENTIFICATION

Bay Area Environmental 1125 Hensley Street  
A. Handler Name B. Street (or other identifier)  
Richmond CA 94804 Contra Costa  
C. City D. State E. Zip Code F. County Name  
TSD with permit for storage  $\leq$  1 year; a waste collection, storage and transfer station.  
G. Nature of business; Identification of Operations  
CAT 080 014079  
H. EPA ID #  
David Burton, Facility Manager (415) 233 8001  
I. Handler Contact (Name and Phone Number)

II. Generator Compliance

A. F-Solvent Identification

Comments

1. Does the handler generate the following wastes?

a. F001 ☒ Yes ☐ No  
b. F002 ☒ Yes ☐ No  
c. F003 ☒ Yes ☐ No

If an F003 wastestream listed solely for ignitability was mixed with a non-restricted solid or hazardous waste, does the resultant mixture exhibit the ignitability characteristic?

☐ Yes ☐ No

NA

d. F004 ☒ Yes ☐ No

e. F005 ☒ Yes ☐ No

2. Source of the above: Form 8700-12 ☐; Part A ☒; Part B ☒; Other (specify) ☐  
↳ Manifests.

Appendix A is intended to assist the inspector and enforcement official in determining whether the handler is generating F-solvent wastes, if such wastes were not identified by the handler previously. If you are concerned that F-solvent wastes may be misclassified or mislabeled, turn to Appendix A. Note concerns below:

B. National Variances and Extensions/Petitions

Comments

1. Is the waste generated by a Small Quantity Generator? [268.30(a)(1)]        Yes   ✓   No
2. Is the waste generated from a RCRA corrective action? [268.30(a)(2)]        Yes   ✓   No     Some
3. Is the waste generated from a CERCLA response action? [268.30(a)(2)]        Yes   ✓   No     Some
4. Is the solvent waste a solvent-water mixture, solvent-containing sludge, or solvent-contaminated soil containing less than one percent total FOOL-F005 constituents by weight? [268.30(a)(3)]        Yes     No   ✓   Some
5. Any extensions/petitions approved?        Yes   ✓   No

C. BDAT Treatability Group - Treatment Standards Identification

1. Did the generator correctly determine the appropriate treatability group and treatment standards of the waste [§268.41]. Wastewaters containing solvents; spent methylene chloride in pharmaceutical wastewaters; all other spent solvent wastes]?        Yes     No

→ Unknown - Generator not required to maintain certif./notif on site.

D. Waste analysis

1. Did the generator determine whether the waste exceeds treatment standards based on §268.7(a):

a. knowledge of the waste        Yes   ✓   No

b. TCLP        Yes   ✓   No

waste analysis is adequate

If knowledge, note how this is adequate:    NA   

If determined by TCLP, provide date of last test, frequency of testing, and attach test results.       NA   

Dates/frequency: \_\_\_\_\_

Note any problems: \_\_\_\_\_

- c. Were wastes tested using TCLP when a process or wastestream changes?        Yes   ✓   No

Comments

2. Did the F-solvent wastes exceed applicable treatability group treatment standards upon generation [§268.7(a)(2)]?

☐ Yes ☐ No ☐ Some

Not known.

3. Did the generator dilute the waste or the treatment residual so as to substitute for adequate treatment [§268.3]

☐ Yes ☒ No

Generator is a TSD that does not adequately characterize the incoming wastes it subsequently remanifest.

E. Management

1. On-site management

a. Were F-solvent wastes managed on-site?

☒ Yes ☐ No

If yes, answer 1(b) and (c); if no, answer 2.

b. For wastes that exceed treatment standards, was treatment, storage and/or disposal conducted?

☒ Yes ☐ No

If yes, TSDF Land Restriction checklist must be completed.

c. Are test results maintained in the operating record?

☒ Yes ☐ No →

In past, generator has only very rarely tested. But appears, from Sept 87 operating record, that in-house testing will be done frequently AND recorded in lab.

2. Off-site management

a. If F-solvent wastes exceed treatment standards, did generator provide treatment facility [268.7(a)(1)]:

(i) EPA waste number?

☐ Yes ☒ No

Used incorrect codes

(ii) Applicable treatment standard?

☐ Yes ☐ No

Not known - generator not required to maintain notification in operating record.

(iii) Manifest number?

☒ Yes ☐ No

(iv) Waste analysis data, if available?

☐ Yes ☒ No

Not known if available. Not in operating record.

Identify off-site treatment facilities

IT Vine Hill, U.S. Pollution Control

Solvent Services, Baron Blakeslee, Romic, NW Env. Serv.

Handler Name: \_\_\_\_\_  
ID Number: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Date: \_\_\_\_\_

Comments

b. If F-solvent wastes does not exceed treatment standards, did generator provide the disposal facility [268.7(a)(2)]:

(i) EPA Hazardous waste number? ☐ Yes ☒ No Used incorrect codes

(ii) Applicable treatment standard? ☐ Yes ☒ No

(iii) Manifest number? ☒ Yes ☐ No

(iv) Waste analysis data, if available? ☐ Yes ☒ No Not known if available. Not in operating record.

(v) Certification regarding waste and that it meets treatment standards? ☐ Yes ☐ No Not Known. No requirement that generators maintain these documents on site.

Identify land disposal facilities receiving the BDAT certified wastes. Casmalia, Chem Waste,

c. If waste is subject to nation-wide variance (e.g., solvent-water mixtures less than 1%), extension (268.5) or petition (268.6) does generator provide notice to disposer that waste is exempt from land disposal restrictions [268.7(a)(3)]?

☐ Yes ☐ No

Not known (see b(v) above)

F. Storage of F-solvent waste

1. Was F-solvent waste stored for greater than 90 days (after variance 180/270 days for SQG)?

☒ Yes ☐ No

If yes, was facility operating under interim status or permit?

☒ Yes ☐ No

If yes, TSD Checklist must be completed.

G. Treatment Using RCRA 264/265 Exempt Units or Processes

1. Were treatment residuals generated  
from RCRA 264/265 exempt units or  
processes? ☐ Yes ☒ No

If yes, list type of treatment  
unit and processes \_\_\_\_\_

---

Residuals from RCRA-exempt treatment units are subject to Land Disposal Restrictions Program. Ascertain whether residuals have been subjected to restriction program requirements.

## APPENDIX A

## SOLVENT IDENTIFICATION CHECKLIST

## Comments

1. Does the handler generate any of the following F001 constituents (i.e., spent halogenated solvents used in degreasing) as a result of being used in the process either in pure form or commercial grade?

tetrachloroethylene	___ Yes ___ No
trichloroethylene	___ Yes ___ No
methylene chloride	___ Yes ___ No
1,1,1-trichloroethane	___ Yes ___ No
carbon tetrachloride	___ Yes ___ No
chlorinated fluorocarbons	___ Yes ___ No

NA - Generator is a storage and transfer facility. Accepts waste from other generators and remanifests wastes.

NA

2. Does the handler generate any of the following F002 constituents (i.e., spent halogenated solvents) as a result of being used in the process either in pure form or commercial grade?

tetrachloroethylene	___ Yes ___ No
trichloroethylene	___ Yes ___ No
methylene chloride	___ Yes ___ No
1,1,1-trichloroethane	___ Yes ___ No
chlorobenzene	___ Yes ___ No
trichlorofluoromethane	___ Yes ___ No
1,1,2 trichloro 1,2,2-trifluoroethane	___ Yes ___ No
ortho-dichlorobenzene	___ Yes ___ No
1,1,2-trichloroethane	___ Yes ___ No

3. Does the handler generate any of the following F003 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

xylene	___ Yes ___ No
acetone	___ Yes ___ No
ethyl acetate	___ Yes ___ No
ethyl benzene	___ Yes ___ No
ethyl ether	___ Yes ___ No
methyl isobutyl ketone	___ Yes ___ No
n-butyl alcohol	___ Yes ___ No
cyclohexane	___ Yes ___ No
methanol	___ Yes ___ No



NA

If the F003 wastestream has been mixed with a solid waste, does the resultant mixture exhibit the ignitability characteristic?

\_\_\_ Yes \_\_\_ No

4. Does the handler generate any of the following F004 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

cresols and cresylic acid  
nitrobenzene

\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No

5. Does the handler generate any of the following F005 constituents (i.e., spent nonhalogenated solvents) as a result of being used in the process either in pure form or commercial grade?

toluene  
methyl ethyl ketone  
carbon disulfide  
isobutanol  
pyridine  
benzene  
2-ethoxyethanol  
2-nitropropane

\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No  
\_\_\_ Yes \_\_\_ No

6. Are any of the constituents listed in the questions 1-5 used for their "solvent" properties — that is to solubilize (dissolve) or mobilize other constituents? The following questions will be helpful in confirming this determination.

\_\_\_ Yes \_\_\_ No

(a) Chemical carriers?

\_\_\_ Yes \_\_\_ No

If the answer is yes, list the constituents.

(b) Degreasing/cleaning?

\_\_\_ Yes \_\_\_ No

If the answer is yes, list the constituents.



Handler Name: \_\_\_\_\_

ID Number: \_\_\_\_\_

Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

(c) Diluents?

\_\_\_ Yes \_\_\_ No

Comments

If the answer is yes, list the constituents.

NA

(d) Extractants?

\_\_\_ Yes \_\_\_ No

If the answer is yes, list the constituents.

(e) Fabric scouring?

\_\_\_ Yes \_\_\_ No

If the answer is yes, list the constituents.

(f) Reaction and synthesis media?

\_\_\_ Yes \_\_\_ No

If the answer is yes, list the constituents.



If questions 1-6 led the inspector to believe the waste may be an F-solvent answer question 7.

7. Are any of the above constituents spent solvents? A solvent is considered "spent" when it has been used and is no longer used without being regenerated, reclaimed, or otherwise reprocessed.

\_\_\_ Yes \_\_\_ No

8. If the waste is a mixture of constituents as determined in questions 1-6, answer this to determine whether it is a "solvent mixture" covered by the listings.

If the wastestream is mixed and contains more than one of the F001-F005 constituents listed in questions 1-5 (by volume), give the concentration before use of all the constituents in the solvent mixture/blend. For example:

5% methylene chloride  
2% trichloroethylene  
25% 1,1,1-trichloroethane  
68% mineral spirits  
100%

If the wastestream is a mixture containing a total of 10% or more (by volume) of one or more of the F001, F002, F004, or F005 listed constituents before use, it is a listed waste.

With respect to the F003 solvent wastes, if, before use, the wastestream is mixed and contains only F003 constituents, it is a listed waste. For example:

33% acetone  
16% methanol  
51% ethyl ether  
100%

If the wastestream is a mixture containing F003 constituents and a total of 10% or more of one or more of the F001, F002, F004, and F005 listed constituents before use, it is a listed waste. For example:

50% xylene F003  
12% TCE F001  
38% mineral spirits ,  
100%

Comments

NA

If in light of the above, the handler appears to be generating F001-F005 hazardous wastes, refer this facility to the enforcement official for follow-up actions verifying the use of solvents at the facility.

## TREATMENT, STORAGE, AND DISPOSAL REQUIREMENTS CHECKLIST

Address

Jacobs Engineering

Tel. No.

Martinez CA

(415) 228-9700

## I. FACILITY IDENTIFICATION

Bay Area Environmental 1125 Hensley Street  
A. Facility Name B. Street (or other identifier)  
Richmond California 94804 Contra Costa  
C. City D. State E. Zip Code F. County Name  
TSD with permit for storage  $\leq$  ; waste collection, storage  
G. Nature of business; identification of operations and transfer facility  
CAT 080 014079  
H. EPA ID #  
David Burton, Facility Manager (415) 233 8001  
I. Facility Contact (Name and Phone Number)

Comments

II.A. For on-site facilities, complete the generator checklistB. General Facility Standards

1. Was waste analysis plan revised properly to cover Part 268 requirements [§264.13 or 265.13]? ☐ Yes ☒ No
2. Did facility obtain representative chemical and physical analysis of waste(s) and residues? ☐ Yes ☒ No
  - a. Did testing include analyses for all F001-F005 constituents? ☐ Yes ☒ No
  - b. Were analyses performed using TCLP? ☐ Yes ☒ No
  - c. Were analyses conducted onsite or offsite (identify offsite lab)? ☐ On ☐ Off: N/A Analysis not conducted routinely
  - d. Describe frequency of sampling: N/A
  - e. Describe procedures used to identify manifest discrepancies Procedures not defined
3. Are the waste analysis plans acceptable [§264.13/265.13]? ☐ Yes ☒ No
4. Are the operating records, including analyses and quantities, complete [§264.73/265.73]? ☐ Yes ☒ No

Facility: \_\_\_\_\_  
ID Number: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Date: \_\_\_\_\_  
Comments

B. Storage (§268.50)

1. a. Were F001-F005 wastes exceeding treatment standards stored?

☒ Yes ☐ No

If no, go to "C"

- b. Are all containers and tanks clearly marked to identify contents and date(s) entering storage?

☐ Yes ☒ No

Date entered  
not marked

- c. Do operating records track the location, quantity and dates wastes exceeding treatment standards entered and were removed from storage?

☐ Yes ☒ No

- d. Do operating records agree with container/tank labeling?

☒ Yes ☐ No

- e. Is waste exceeding treatment standards stored for less than 1 year?

☒ Yes ☐ No

If yes, can you show that such accumulation is not necessary to facilitate proper recovery treatment or disposal?

☐ Yes ☒ No

If yes, state how: \_\_\_\_\_

- f. Were tanks emptied and containers sent for treatment at least once per year, and do operating records show that the volume of waste removed from tanks annually at least equals tank volume?

☐ Yes ☐ No

NA <sup>No</sup> Tank storage

- g. Was/is waste exceeding treatment standards stored for more than one year?

☐ Yes ☒ No

ID Number: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Date: \_\_\_\_\_

Comments

If yes, state the owner/operators' proof that such storage was solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal: \_\_\_\_\_

- h. Are F-solvent wastes exceeding treatment standards "stored" in surface impoundments? ☐ Yes ☒ No

No treatment on site.

C. Treatment in Surface Impoundments (§268.4)

N A

1. Were F001-F005 wastes exceeding treatment standards placed in surface impoundments for treatment? ☐ Yes ☒ No

If no, go to "D"

2. Does the facility have acceptable evidence that treatment occurs in the impoundment? ☐ Yes ☐ No  
If yes, note the evidence \_\_\_\_\_

3. Have representative samples of the sludge and supernatant from the surface impoundment been tested separately, acceptably and in accordance with the sampling frequency and analysis specified in the waste analysis plan, and are the results in the operating record? ☐ Yes ☐ No

4. Did the hazardous waste residue (sludge or liquid) exceed the treatment standards specified in §268.41? ☐ Yes ☐ No

5. Provide the frequency of analyses conducted on treatment residues: \_\_\_\_\_

6. Have the hazardous waste residues that exceed the treatment standards (§268.41) been removed adequately, and on an annual basis? ☐ Yes ☐ No ☐ DNA

Comments

- (a) If answer to 6 is no and supernatant is determined to exceed treatment concentrations, is annual throughput greater than impoundment volume? ☐ Yes ☐ No

N A

7. If residues were removed annually, were adequate precautions taken to protect liners and do records indicate that inspections of liner integrity are performed? ☐ Yes ☐ No

8. When removed, were solvent wastes managed subsequently in another surface impoundment? ☐ Yes ☐ No

9. When removed, were wastes treated prior to disposal? ☐ Yes ☐ No

- (a) If yes, are waste residues treated on-site or off-site: ☐ Onsite ☐ Offsite

- (b) Identify management method: \_\_\_\_\_

10. Is the information on Nos. 3-9 above adequately documented in the waste analysis plan and operating record? ☐ Yes ☐ No

11. Have the minimum technology requirements( §264.221 or 265.221) been met? ☐ Yes ☐ No

If the minimum technology requirements have not been met, has a waiver (268.4(a)(3)) been granted for that unit(s)? ☐ Yes ☐ No

12. Have the Subpart F ground-water monitoring requirements been met? ☐ Yes ☐ No

13. Did the facility submit a certification of compliance with minimum technology and groundwater monitoring requirements, and the waste analysis plan to the Agency? ☐ Yes ☐ No

Comments

Facility: \_\_\_\_\_  
ID Number: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Date: \_\_\_\_\_

7

D. Treatment

No treatment on site.

NA

1. Did the facility operate treatment facilities for F-solvent waste (not including surface impoundments)?

\_\_\_ Yes ☒ \_\_\_ No

If no, go to "E"

2. Describe the treatment processes for F-solvent wastes: \_\_\_\_\_

3. Does the facility, in accordance with an acceptable waste analysis plan, verify that the residue extract from all treatment processes for the F-solvent wastes are less than treatment standards [§268.7(b)]?

\_\_\_ Yes \_\_\_ No

4. Describe frequency of testing of treatment residuals. \_\_\_\_\_

5. Was dilution used as a substitute for treatment?

\_\_\_ Yes \_\_\_ No

6. Are certifications and results of waste analyses kept in the operating record? \_\_\_ Yes \_\_\_ No

7. Are notices with waste number, treatment standard, manifest number, and analytical data (where available) submitted for each shipment of waste or treatment residual that meets the treatment stating that waste has been treated to treatment performance standards [§268.7(b)]?

\_\_\_ Yes \_\_\_ No

8. Are certifications submitted for each shipment [§268.7(b)]? .

\_\_\_ Yes \_\_\_ No

E. Land Disposal

NA No land disposal

1. Were F-solvent wastes placed in land disposal units (landfills, surface impoundments [for this question, do not include if in "C"] waste piles, wells, land treatment units, salt domes/beds, mines/caves, concrete vault or bunker? ☐ Yes ☒ No

2. Did facility have the notice and certification from generators in its operating record [§§268.7(c); 268.7(a), (b)]? ☐ Yes ☐ No

3. Did the facility obtain waste analysis data through testing of the waste to determine that the wastes are in compliance with the applicable treatment standards [§268.7(c)] ☐ Yes ☐ No

If yes, at what frequency? \_\_\_\_\_

4. Were F-solvent wastes exceeding the treatment standards placed in land disposal units [268.30] (excluding national capacity variances [268.30(a)]) ☐ Yes ☐ No

If yes, did facility have an approved waiver based on no migration petition [268.6] or approved case-by-case capacity extension [268.5] or variance [268.44] ☐ Yes ☐ No

5. Were F-solvent wastes subject to a national or case-by case capacity variance/extension disposed? ☐ Yes ☐ No

- a. If yes, were these wastes disposed in a facility that has a new, replacement, or laterally expanded landfill or impoundment? ☐ Yes ☐ No

If (a) is yes, have the minimum technology requirements been met for all such units at the facility? ☐ Yes ☐ No

If (a) is yes, has the minimum technology requirements inspection been performed? ☐ Yes ☐ No



Comments

6. Were adequate records of disposal maintained?

\_\_\_ Yes \_\_\_ No

N A

7. If wastes subject to a nationwide variances, case-by-case extensions [268.5], or no migration petitions [268.6] were disposed, does facility have notices [268.7(a)(3)] and records of disposal?

\_\_\_ Yes \_\_\_ No

8. What is the volume of F-solvent waste disposed to date (by waste)?

9. If the facility has a case-by-case extension, can the inspector verify that the facility is making progress as described in progress reports?

\_\_\_ Yes \_\_\_ No





**ATTACHMENT C**  
**CALIFORNIA LIST WASTE CHECKLIST**

Bay Area Environmental  
Richmond CA

California List Waste

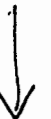
- 1) Does the handler generate the following wastes?
- a. Liquid hazardous wastes having a PH less than or equal to two [2.0]? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- b. Liquid hazardous wastes containing polychlorinated biphenyls (PCBs) at concentrations greater than or equal to 50 ppm? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N  
500 ppm? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- c. Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1000 mg/l and less than 10,000 mg/l HOCs? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- 2) a. Is the Paint Filter Liquids Test (PFLT method 9095) performed as described by SW-846 to determine whether waste is in liquid form? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- b. Did facility obtain representative chemical and physical analysis of wastes and residues [264.13(a) 265.13(a)]? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- 3) If waste was determined to be in liquid state according to PFLT, was waste solidified using an absorbent? \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- 4) What type absorbent was used? NA
- 5) What type of waste was absorbent added to (refer to question 1)? (Check where applicable) NA
- a. Liquid hazardous waste having a PH less than or equal to 2 \_\_\_\_\_
- b. Liquid hazardous waste containing PCB in concentrations greater than 50 ppm \_\_\_\_\_; greater than 500 ppm \_\_\_\_\_
- c. Liquid hazardous waste containing HOCs in concentrations greater than or equal to 1000 mg/l and less than 10,000 mg/l \_\_\_\_\_
- 6) Did handler determine whether the concentration levels (not extract or filtrate) in the waste equal or exceed the prohibition levels or whether waste has a PH less than or equal to two [2.0] based on:
- a. Knowledge of wastes \_\_\_\_\_ Y \_\_\_\_\_ ☒ N
- b. Testing \_\_\_\_\_ Y \_\_\_\_\_ ☒ N  
List method Did not determine

If knowledge, note how this is adequate:

- 7) a. Did handler determine if concentration levels\* in PFLT extract exceed cyanide & metals treatment standards? Y ☒ N
- b. List test method used. \_\_\_\_\_
- c. List constituent and concentration level which exceeded prohibition levels. \_\_\_\_\_
- 8) Did generator treat waste on-site or send off-site (Identify off-site facility)? Solvent Serv., Romic, Baron Blakeslee, ITvine Hill  
USPCSI, NWES
- 9) If waste was determined to be restricted from land disposal (i.e., liquid, exceeding concentration levels and/or PH less than 2.0) did handler provide treatment facility:
- |       |                                    |                                     |                                     |   |
|-------|------------------------------------|-------------------------------------|-------------------------------------|---|
| (i)   | EPA waste number?                  | <u>Y</u>                            | <input checked="" type="checkbox"/> | N |
| (ii)  | Specified treatment standard?      | <u>Y</u>                            | <input checked="" type="checkbox"/> | N |
| (iii) | Manifest number?                   | <input checked="" type="checkbox"/> | <u>Y</u>                            | N |
| (iv)  | Waste analysis data, if available? | <input checked="" type="checkbox"/> | <u>Y</u>                            | N |
- 10) Did generator/treater dispose of waste on-site or send off-site? \_\_\_\_\_  
Identify off-site disposal facility Casmalia
- 11) If waste was determined not restricted from land disposal, did handler provide disposal facility with:
- |       |   |          |          |
|-------|---|----------|----------|
| (i)   | EPA hazardous waste number?   | <u>Y</u> | <u>N</u> |
| (ii)  | Manifest number?  | <u>Y</u> | <u>N</u> |
| (iii) | Waste Analysis Data, if available?  | <u>Y</u> | <u>N</u> |
| (iv)  | Specified treatment standard?   | <u>Y</u> | <u>N</u> |
| (v)   | Certification that waste passed PFLT (non-liquid), or does not exceed specified prohibition levels? | <u>Y</u> | <u>N</u> |
- 12) Are restricted wastes containing PCBs (i.e., concentration greater than or equal to 50 ppm) stored greater than 1 yr? Y ☒ N
- 13) Does facility handle any of the following waste:
- a.
- |       |   |          |                                       |
|-------|---|----------|---------------------------------------|
| (i)   | Waste containing HOC greater than or equal to 1000 mg/kg (non-liquid hazardous waste)                     | <u>Y</u> | <input checked="" type="checkbox"/> N |
| (ii)  | Waste containing HOC greater than or equal to 10,000 mg/l (liquid hazardous waste)                        | <u>Y</u> | <input checked="" type="checkbox"/> N |
| (iii) | Waste containing HOC greater than 1000 mg/l and less than 10,000 mg/l and are not dilute HOC waste water? | <u>Y</u> | <input checked="" type="checkbox"/> N |

Waste codes not always correct

NA  
No such determination made



\* Cyanide and metals concentration levels not yet codified in Regulation. Statutory levels under 3004(d)(2) should be used.

If yes, answer 13(b) and (c), if no, answer 14.

- 13) b. Is any waste listed in 13(a) disposed of in a land fill or surface impoundment? \_\_\_\_\_ Y \_\_\_\_\_ N

NA

If yes, continue, if no answer 14.

- c. Is facility in compliance with section 268.5(h)(2) [New, replacement, or laterally expanded units must meet minimum technology requirements] and section 264 & section 265 Subpart F ground-water monitoring requirements?

\_\_\_\_\_ Y \_\_\_\_\_ N

- 14) If facility handles any liquid hazardous waste containing PCB complete the following section:

NA

- a. List concentration levels of PCB in waste stream(s) \_\_\_\_\_ (ppm)

no such  
waste  
handled

- b. Describe method of treatment/disposal of wastes(s) listed in section (a) and identify facility receiving this waste \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- c. Does facility perform any type of mixing of PCB containing liquid hazardous waste with same or other types of wastes or liquids? \_\_\_\_\_ Y \_\_\_\_\_ N

- d. If yes, state reason for mixing: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**ATTACHMENT D**  
**CORPORATE HOLDINGS**



*The Magana Group of Companies*  
*(An independent group of corporations controlled by*  
*the J. Jesus Magana family)*  
*Notes to the Financial Statements*  
*December 31, 1986*

-----

**A. Summary of Companies and Operations**

J. Jesus Magana Corporation was incorporated in 1978 under the laws of California, and is a general contractor in the oil refinery maintenance field.

Magana, Dowling & Wahbeh Corporation (doing business as MDW Industrial services) was incorporated in 1979 under the laws of California, and is a general contractor and engineering firm specializing in providing labor services primarily to the oil refinery industry in the waste management field.

Bay Area Environmental, Inc. was incorporated in 1985 under the laws of California, and is a general contractor and holder of a permit to operate a Hazardous Waste Facility which acts as a transfer station to hold toxic waste at the real property owned by J. Jesus Magana Corporation. Consulting and contracting services are provided to primarily small businesses and individuals in the area of hazardous and toxic waste management, clean up and disposal. Bay Area Environmental, Inc. has assumed the lease on the laboratory equipment operated by Chemical Analysis, Inc. and is currently operating this facility.

Martinez Industrial Services, Inc. was incorporated in 1985 under the laws of California, and is a general contractor specializing in solid and liquid waste management and clean up.

Pyramid Industrial Services, Inc. (operating under the name of Pyramid Solid Waste Systems) was operated as partnership from the acquisition of the entity by the J. Jesus Magana corporation in 1985, with J. Jesus Magana Corporation owning a 90% interest in the partnership. Pyramid Solid Waste Systems is in the business of selling and servicing industrial trash compactors to business entities. As of January 1, 1987, the corporation was activated to operate this company which sells and services industrial trash compactors to businesses.

American Compactor Systems, Inc. was incorporated under the laws of California in 1986, with its primary business purpose being the rental of industrial trash compactors to industry and retail operations. The compactors are acquired and serviced by Pyramid Industrial Systems, Inc.

**B. Summary of Significant Accounting Policies.**

The books of account of the various companies have been maintained on both the cash and accrual basis for the companies, although currently all the records are being converted to the accrual method of accounting.



**ATTACHMENT E**  
**HAZARDOUS WASTE FACILITY PERMIT**

## DEPARTMENT OF HEALTH SERVICES

2151 BERKELEY WAY  
BERKELEY, CA 94704  
(415) 540-2043



Facility: Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

Hazardous Waste Facility Permit

Number: CAT 080014079

Effective Date: August 2, 1983

Expiration Date: August 2, 1983

Operator: J.J. Magana Corporation  
P.O. Box 579  
San Pablo, CA 94806

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to Bay Area Environmental subject to the conditions set forth in Attachment A which by this reference is incorporated herein.

Richard P. Wilcoxon, Chief  
Toxic Substances Control Division

July 7, 1983  
Date

DEPARTMENT OF HEALTH SERVICES

1 BERKELEY WAY  
BERKELEY, CA 94704  
(510) 540-2043

Attachment 1



Facility: Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

Hazardous Waste Facility Permit

Number: CAT 080014079

Effective Date:

Expiration Date:

Operator: J.J. Magana Corporation  
P.O. Box 579  
San Pablo, CA 94806

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to Bay Area Environmental subject to the conditions set forth in Attachment A which by this reference is incorporated herein.

Richard P. Wilcoxon, Chief  
Toxic Substances Control Division

Date:

## ATTACHMENT A

### **Hazardous Waste Facility Permit**

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

#### **I. DESCRIPTION OF FACILITY**

##### **1. Ownership, Operations, and Location**

Bay Area Environmental is developing a transfer station in Richmond, California, Contra Costa County. The facility will collect, receive, and store containerized hazardous wastes from householders and industrial establishments before transferring the wastes to a Class I disposal site. Wastes will be recycled whenever possible.

##### **2. Compliance with California Environmental Quality Act**

A Negative Declaration has been prepared for this project and approved by the California State Department of Health Services on June 27, 1983 in accordance with the California Environmental Quality Act.

#### **II. GENERAL CONDITIONS**

##### **1. Effect of Permit**

The owner or operator is permitted to store and handle hazardous wastes in accordance with the conditions of this permit. Any storage and/or handling of hazardous wastes not authorized in this permit is prohibited. Compliance with this permit constitutes compliance, for purposes of enforcement, with the provisions of the California Health and Safety Code, including Chapter 6.5, Division 20, and with the minimum Standards for Management of Hazardous and Extremely Hazardous Wastes (Chapter 30, Division 4, Title 22, California Administrative Code). Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of federal, state, or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health or the environment.

##### **2. Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause as specified in Sections 122.15, 122.16, and 122.17, Title 40, Code of Federal Regulations (CFR), or at the discretion of the California State Department of Health Services in order to protect public health or the environment. A new facility permit condition or a modification of an existing facility permit condition shall become effective on the date that written notice of such change is received by the owner or operator. The filing of a request for

a permit modification, revocation and reissuance, or termination or the modification of planned changes or anticipated noncompliance on any part of the owner or operator does not stay the applicability or enforceability of any permit condition.

3. Need to Halt or Reduce Activity

It shall not be a defense for the owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

5. Operation Plan

The owner or operator must submit to the California State Department of Health Services an operation plan. By the issuance of this permit, this operation plan, dated April 11, 1983, subsequent revisions and as amended by a letter dated June 10, 1983, are hereby approved. The plan shall be maintained at the facility at all times until closure is completed. This operation plan and any subsequent revisions and amendments thereof, subject to the approval of the California State Department of Health Services, are by this reference made part of this permit. Specific sections of the operation plan are referenced elsewhere in this permit. If there are inconsistencies between the permit and the operation plan the permit supercedes the operation plan.

6. General Responsibilities of Operator

(a) Compliance

The owner or operator shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application.

(b) Reapplication

If the owner or operator wishes to continue an activity regulated by this permit after the expiration date of this permit, the owner or operator must submit a completed application for a new permit at least 180 days before this permit expires.

(c) Permit Expiration

This permit and all conditions therein will remain in effect beyond the permit expiration or termination date if the owner or operator

has submitted a timely, completed application and, through no fault of the owner or operator, the California State Department of Health Services has not issued a new permit.

(d) Mitigation

The owner or operator shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

(e) Operations and Maintenance

The owner or operator shall at all times properly operate and maintain all facilities of storage and control (and related appurtenances) which are installed or used by the owner or operator to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of the permit.

(f) Submittal of Requested Information

The owner or operator shall furnish to the California State Department of Health Services, within a reasonable time, any relevant information which the California State Department of Health Services may request to determine whether cause exists for modifying, revoking, and reissuing, terminating this permit, or to determine compliance with this permit. The owner or operator shall also furnish to the California State Department of Health Services, upon request, copies of records required to be kept by this permit.

(g) Inspection and Entry

The owner or operator shall allow authorized representatives of the California State Department of Health Services or the local health agency, upon the presentation of credentials and other documents as may be required by law to:

- (1) Enter at reasonable times upon the owner's or operator's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (3) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and



- (4) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or, as otherwise authorized by law, any substances or parameters at any location.

(h) Monitoring and Records

- (1) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix 1 of 40 CFR Part 261 or an equivalent method approved by the California State Department of Health Services. Laboratory methods must be those specified in the approved operation plan.
- (2) The owner or operator shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report, or record. These periods may be extended by request of the regional administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- (3) Records of monitoring information shall include:
- (i) The date, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.

(i) Planned Changes

The owner or operator shall give notice to the California State Department of Health Services, as soon as possible, of any planned physical alterations or additions to the permitted facility.

(j) Anticipated Noncompliance

The owner or operator shall give advance notice to the California State Department of Health Services of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(k) 24-Hour Reporting

The owner or operator shall report to the California State Department of Health Services any noncompliance which may endanger health or the environment. Any information shall be provided verbally within 24 hours from the time the owner or operator becomes aware of the circumstances. The following shall be included as information which must be reported verbally within 24 hours:

- (1) Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies.
- (2) Any information of a release or discharge of hazardous waste, or of a fire or explosion from the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:
  - (i) Name, address, and telephone number of the owner or operator;
  - (ii) Name, address, and telephone number of facility;
  - (iii) Date, time and type of incident;
  - (iv) Name and quantity of material(s) involved;
  - (v) The extent of injuries, if any;
  - (vi) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and
  - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within five days of the time the owner or operator becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the periods of noncompliance (including exact dates and times), and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The owner or operator need not comply with the 5-day written requirement if the California State Department of Health Services waives that requirement and the owner or operator submits a written report within 15 days of the time the owner or operator becomes aware of the circumstances.

(l) Other Noncompliance

The owner or operator shall report all other instances of noncompliance not otherwise required to be reported at the time monitoring or other

reports are submitted. The reports shall contain the information listed in II.6 (k) above.

(m) Other Information

Where the owner or operator becomes aware that he failed to submit any relevant facts in the permit application or submitted incorrect information in a permit application or any report submitted to the California State Department of Health Services, the owner or operator shall promptly submit such facts or information.

7. Signatory Requirement

All reports or other information requested by the California State Department of Health Services shall be signed by the owner or operator or the corporations' principal executive officer or, at least, the level of vice president. The person signing the document shall make the following certification:

"I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

8. Certification of Construction

The owner or operator may not commence storage or transfer of hazardous wastes at the facility nor in a modified portion of that facility until:

- (a) The owner or operator has submitted to the California State Department of Health Services by certified mail or hand delivery a letter signed by the owner or operator and an appropriate engineer registered in California stating that the facility has been constructed in compliance with the permit; and
- (b) (1) The California State Department of Health Services has inspected the constructed facility and finds it is in compliance with the conditions of the permit; or
- (2) The California State Department of Health Services has either waived the inspection or has not within 15 days notified the owner or operator of his or her intent to inspect.

9. Transfer of Permit

This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to Section 122.15 (b) (2) or 122.17 (d), Title 40, CFR. The owner or operator shall notify the California State Department of Health Services of a proposed change in ownership of the

facility at least 30 days prior to the date of the transfer. Furthermore, before transferring ownership or operation of this facility during its operating life, the owner or operator shall notify the new owner or operator in writing of the requirements of this permit and the permitting process. A copy of this notification shall be submitted to the California State Department of Health Services.

10. Compliance Schedules

Reports of compliance or noncompliance with, or any reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date.

11. Records

(a) The owner or operator shall maintain at his place of business and at the facility, until closure is completed and certified by an independent registered engineer in California so as to be available at all times to operating personnel, the following documents and amendments, revisions and modifications to these documents:

- (1) Waste Analysis Plan
- (2) Contingency Plan
- (3) Closure Plan
- (4) Personnel Training Documents and Records
- (5) Cost Estimate for Facility Closure
- (6) Operating Record
- (7) Inspection Schedules

All amendments, revisions, and modifications to any plan or cost estimates required by this permit shall be subject to the approval of the California State Department of Health Services.

(b) The owner or operator shall maintain a copy of this permit at his place of business and at the facility so as to be available at all times to operating personnel.

12. References and Terminology

All parts in this permit are identified by Roman numerals. The items set forth in each part shall apply to the owner, operators, and/or facility in addition to the items set forth in any preceeding and/or following part of this permit. Unless explicitly stated otherwise, all cross reference to items in this permit shall refer only to items occurring within the same part.

### III. SPECIAL CONDITIONS

#### 1. Hazardous Waste List

The owner or operator shall maintain current, the list of hazardous wastes that can be accepted by the facility presented in the approved operation plan. Additions to the list must first be approved by the California State Department of Health Services.

#### 2. Wastes Prohibited

Hazardous wastes described below shall not be handled or stored at the facility:

- (a) Extremely hazardous wastes as defined in Sections 66065 and 66685, Title 22, California Administrative Code, unless specifically approved by a written permit from the California State Department of Health Services.
- (b) Wastes in bulk.
- (c) Burning wastes.
- (d) Forbidden and Class A explosives as defined in Section 173.51 and 173.53, Title 49, Code of Federal Regulations.
- (e) Wastes containing polychlorinated biphenyls.
- (f) Greater than five gallons of water-reactive waste at any time.

#### 3. Maintenance and Operation of Facility

- (a) The facility shall be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
- (b) If wastes are found on the property outside of the facility fence they shall be handled in such a manner as to prevent public contact and be in accordance with the operation plan.

#### 4. Transfer of Wastes

- (a) Hazardous wastes shall not be permanently disposed of at the facility.
- (b) All equipment, pipes, and lines used at the facility to handle, transfer, pump, or store hazardous wastes shall be maintained in a manner that prevents the leaking and spilling of hazardous wastes.

#### 5. Operation at Night

When the facility is operated during hours of darkness, the owner or operator shall provide sufficient lighting to ensure safe, effective management of hazardous wastes.

## 6. Public Water Supply

If a public water supply is used at the facility the service connection shall be protected from contamination as specified in Section 7604, Title 17, of the California Administrative Code.

## 7. Required Notice

- (a) If the owner or operator has arranged to receive hazardous waste from a foreign source, he shall notify the California State Department of Health Services in writing at least four weeks in advance of the date that the waste is expected to arrive at the facility. Notice of subsequent shipments of the same waste from the same foreign source is not required.
- (b) When the owner or operator receives hazardous waste from an off-site source, he must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The owner or operator shall keep a copy of this written notice as part of the operating record.

## 8. Analysis of Waste

- (a) Upon the effective date of this permit, the owner or operator shall follow the written waste analysis plan as described in the approved operation plan.
- (b) Before the owner or operator treats or stores or disposes of a particular type of hazardous waste for the first time, he shall obtain a detailed chemical and physical analysis of a representative sample of the waste. At a minimum, this analysis shall contain all the information which must be known to treat or store the waste in accordance with the conditions of this permit.
- (c) The analysis may include data developed for other purposes, and existing published or documented data on the hazardous waste or on waste generated from similar processes.
- (d) The analysis shall be repeated, as necessary, to ensure that it is accurate and up-to-date. At a minimum, the analysis must be repeated when the owner or operator is notified or has reason to believe that the process operation generating the hazardous waste has changed.
- (e) The owner or operator shall verify its waste analysis as part of the quality assurance program. The quality assurance program will be in accordance with current U.S. Environmental Protection Agency (EPA) practices (test methods for evaluating solid waste: physical/chemical methods SW-846 dated July 1982) or equivalent methods approved by the California State Department of Health Services; and at a minimum ensure that the owner/operator maintain proper functional instruments, uses approved sampling and analytical methods, assures the validity of sampling and analytical procedures, and performs correct calculations.

## **9. Security**

- (a) The perimeter of the hazardous waste area of the facility shall be secured by a well-maintained fence capable of preventing the intrusion of livestock and of discouraging entry by unauthorized persons.
- (b) The owner or operator shall maintain the following to control entry at all times to the active portion of the facility:
  - (1) A 24-hour surveillance system which continuously monitors and controls entry; or
  - (2) An artificial and/or natural barrier which completely surrounds the active portion of the facility and which has a means to control entry, at all times, through the gates or other entrances to the active portion of the facility.
- (c) Signs indicating that the facility, or the hazardous waste area of the facility, contains hazardous waste shall be placed on the perimeter fence and at locations where it is anticipated that hunters and other trespassers may enter the facility.

Wording of the signs shall be in English, "Caution-Hazardous Waste Area-Unauthorized Persons Keep Out", and Spanish, "Cuidado! Zona de Residuos Peligrosos. Prohibida la Entrada a Personas No Autorizadas." Signs shall be legible from a distance of 25 feet.

## **10. Inspections**

- (a) The owner or operator shall inspect the facility for malfunctions and deterioration, operator errors, and discharges which may be causing --or may lead to -- release of hazardous waste constituents to the environment or a threat to human health. The owner or operator shall conduct these inspections often enough to identify problems in time to correct them before they harm human health or the environment.
- (b)
  - (1) The owner or operator shall follow the written schedule for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment (such as dikes and pumps) that are important to preventing, detecting, or responding to environmental or human health hazards as described in the approved operation plan.
  - (2) He shall keep this schedule at the facility.
- (c) The owner or operator shall remedy any deterioration or malfunction of equipment or structures which the inspection reveals on the schedule as described in the approved operation plan and which shall ensure that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.
- (d) The owner or operator shall record inspections in an inspection log or

summary and shall keep these records for at least three years from the date of inspection.

**11. Personnel Training**

- (a) Facility personnel shall successfully complete the program of classroom instruction or on-the-job training as described in the approved operation plan.
- (b) This program shall be directed by a person trained in hazardous waste management procedures.
- (c) Facility personnel shall have successfully completed the program required in Item 11 (a) by the effective date of this permit or within six months after the date of their employment or assignment to a facility or to a new position at the facility whichever is later. Employees hired after the effective date of this permit shall not work in unsupervised positions until they have completed the training requirements of Item 11 (a).
- (d) Facility personnel shall take part in an annual review of the initial training required in Item 11 (a).
- (e) The owner or operator shall maintain the following documents and records at the facility:
  - (1) The job title for each position at the facility related to hazardous waste management and the name of the employee filling each job;
  - (2) A written job description for each position listed under Item 11 (e) (1). This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit but shall include the requisite skill, education, or other qualifications and duties of facility personnel assigned to each position;
  - (3) A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under Item 11 (e) (1); and
  - (4) Records that document that the training or job experience required under Items 11 (a), (b), (c), and (d) has been given to and completed by facility personnel.
- (f) Training records on current personnel as required in Item 11 (e) (4) shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company.

**12. Management of Ignitable, Reactive, or Incompatible Wastes**

- (a) The owner or operator shall take precautions to prevent accidental



ignition or reaction of ignitable or reactive wastes. This waste shall be separated and protected from sources of ignition or reaction. While ignitable or reactive waste is being handled, the owner or operator shall confine smoking and open flame to specially designated locations. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

- (b) The handling and storage of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials shall be conducted so that it does not:
  - (1) Generate extreme heat or pressure, fire or explosion, or violent reaction;
  - (2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
  - (3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
  - (4) Damage the structural integrity of the device or facility containing the waste; or
  - (5) Through other like means threaten human health or the environment.
- (c) When required to comply with Items 12 (a) and (b), Part III of this permit, the owner or operator must document that compliance. This documentation may be based on references to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions.
- (d) The following incompatible hazardous waste groups shall be adequately separated from each other during all handling and storage operations:
  - (1) Alkalies and cyanides;
  - (2) Acids;
  - (3) Strong oxidizers;
  - (4) Toxic wastes, pesticides, and flammable wastes.
  - (5) Water reactive wastes may be stored in either the alkali and cyanide area or the oil area if a separate oil area is established.
- (e) Each hazardous waste storage area shall be individually marked with the internationally recognized hazard identification system placards developed by the National Fire Prevention Association (NFPA).

### 13. Location Standards

- (a) The owner or operator shall not store hazardous wastes within 61

meters (200 feet) of a fault which has had displacement in the last 11,000 years. (New facilities or modification to existing facilities only.)

- (b) The owner or operator shall ensure that the facility is designed, constructed, operated, and maintained to prevent washout of any hazardous waste by a 100-year flood or that the wastes can be removed safely, before flood waters reach the facility, to a location where the wastes will not be vulnerable to flood waters.

14. Required Equipment

- (a) Upon the effective date of this permit, the owner or operator shall have available at the facility all required safety and emergency equipment as described in the approved operations plan.
- (b) The facility water supply system shall be capable of providing water in adequate volume and pressure to maintain water hose streams.
- (c) Owner or operator shall maintain access to communication or alarm system specified in the approved operation plan.

15. Testing and Maintenance of Equipment

All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment shall be tested and maintained as necessary to ensure its proper operation in time of emergency.

16. Required Aisle Space

The owner or operator shall maintain aisle space as needed to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment.

17. Arrangements with Local Authorities

- (a) Upon the effective date of this permit, all emergency response arrangements made by the facility with local authorities as described in the approved operation plan shall have been effected.
- (b) If local authorities refuse to enter into preparedness and prevention arrangements with the owner or operator, the owner or operator shall document this refusal in the operating record.

18. Contingency Plan

(a) Maintenance

Upon the effective date of this permit, the owner or operator shall follow the contingency plan described in the approved operation plan.

(b) Distribution

A copy of the contingency plan and all revisions to the plan shall be:

- (1) Maintained at the facility; and
- (2) Submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services.

(c) Implementation

The provisions of the contingency plan shall be carried out immediately wherever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

(d) Amendment of Contingency Plan

The contingency plan shall be reviewed and immediately amended, if necessary, whenever:

- (1) Applicable regulations are revised;
- (2) The plan fails in an emergency;
- (3) Whenever the permit is revised;
- (4) The list of emergency coordinators changes; or
- (5) The list of emergency equipment changes; and
- (6) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments to the contingency plan.

(e) Emergency Coordinator

At all times there shall be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator shall be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristics of waste handled, the location of all records within the facility, and the facility layout. In addition, this person shall have the authority to commit the resources needed to carry out the contingency plan.

(f) Emergency Procedures

- (1) Whenever there is an imminent or actual emergency situation, the emergency coordinator (or his designee when the emergency coordinator is on call) shall follow the procedures of the contingency plan as described in the approved operation plan.
- (2) The owner or operator shall notify the California State Department of Health Services and local authorities that the cleanup

- procedures are complete and all emergency equipment listed in the contingency plan is clean and fit for its intended use before operations are resumed.
- (3) The owner or operator shall note in the operating record the time, date, and details of any incident that required implementing the contingency plan.
- (4) The owner or operator shall report each incident to the California State Department of Health Services in accordance with the 24-hour reporting requirement contained in II.6 (k) of this permit.

19. Manifest System (Off-site facilities only)

(a) The owner or operator shall:

- (1) Require that a manifest be completed for all hazardous waste accepted except that receipt form number one in the operation plan may be substituted for the manifest for homeowners' wastes.
- (2) Inspect wastes before accepting them to ensure that the delivered waste has essentially the same general properties as identified by the generator on the manifest;
- (3) Complete the appropriate section of the manifest;
- (4) Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;
- (5) Note any significant discrepancies in the manifest on each copy of the manifest;
- (6) Immediately give the transporter at least one copy of the signed manifest;
- (7) Send legible copies of all completed hazardous waste manifests and summary sheets (form 2 in operation plan) to the California State Department of Health Services on a monthly basis in conformance with Section 66550, Title 22, California Administrative Code;
- (8) Within 30 days after delivery, send a copy of the manifest to the generator;
- (9) Retain at the facility a copy of each manifest for at least three years from the date of delivery.
- (10) Submit to the California State Department of Health Services by the last day of each month information on the hazardous waste delivered to him during the previous month consisting of a legible copy of the completed manifest for each load of hazardous wastes accepted, and a report that summarizes the numbers of loads of hazardous wastes received;

(b) Manifest Discrepancies

- (1) Upon discovering a significant discrepancy between the quantity or type of hazardous waste designated on the manifest and the quantity or type of hazardous waste the facility actually receives, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). A significant discrepancy in quantity is for batch waste, any variation in piece count such as a discrepancy of one drum in a truckload.
- (2) Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis such as waste solvent substituted for waste acid or toxic constituents not reported on the manifest. If the facility can accept the waste after its actual identity is revealed, the owner or operator may accept the waste.

If the facility cannot accept the waste, the owner or operator shall immediately notify the California State Department of Health Services of that fact, identify the transporter and generator of the waste, and refuse to accept the waste. If the owner or operator can accept the waste, he shall note on the copy of the manifest which he submits to the California State Department of Health Services and on the copy which he retains how the discrepancy was resolved. If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the California State Department of Health Services a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest at issue.

(c) Unmanifested Wastes

If the facility receives for storage, any hazardous waste from an off-site source without an accompanying manifest, and a manifest is prepared on the spot after load verification, waste analysis, etc., to comply with 19 (a) (1), the owner or operator shall prepare and submit a single copy of a report to the California State Department of Health Services within 15 days after receiving the waste. If the facility rejects an unmanifested load, the same reporting requirement shall apply.

The report shall include the following information:

- (1) The EPA identification number, name, and address of the facility;
- (2) The date the facility received/rejected the waste;
- (3) The EPA identification number, name, and address of the generator and the transporter, if available;
- (4) The description and quantity of each unmanifested hazardous waste the facility received/rejected;

- (5) The method of treatment, storage, or disposal for each hazardous waste;
- (6) The certification signed by the owner or operator of the facility or his authorized representative; and
- (7) A brief explanation of why the waste was unmanifested, if known.

20. Recordkeeping and Reporting

(a) Availability, Retention, and Disposition of Records

- (1) All records including plans, required in this permit shall be furnished upon request, and made available at all reasonable times for inspection, by any officer, employee, or representative of the California State Department of Health Services.
- (2) The retention period for all records required in this permit is extended automatically during the course of any unresolved enforcement action regarding the facility or as requested by the California State Department of Health Services.

(b) Operating Record

- (1) The owner or operator shall keep a written operating record at the facility.

The following information shall be recorded, as it becomes available, and maintained in the operating record until closure of the facility:

- (i) A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its storage at the facility;
- (ii) The location of each hazardous waste within the facility and the quantity at each location. This information shall include cross-references to specific manifest document numbers, if the waste was accompanied by a manifest;
- (iii) Records and results of waste analyses and trial tests performed;
- (iv) The above information need be kept for only three years for hazardous wastes not subject to regulation under the Federal Resource Conservation and Recovery Act (RCRA), (i.e. hazardous wastes that are produced by small generators and homeowners). The above information relating to hazardous wastes produced by all other generators must be kept until closure of the facility.
- (v) Summary reports and details of all incidents that require implementing the contingency plan;

(vi) Records and results of inspections (except these data need be kept only three years);

(vii) Required monitoring, testing, or analytical data; and

(viii) All closure cost estimates.

(c) Annual Report

The owner or operator shall prepare and submit a single copy of an annual report to the California State Department of Health Services by March 1 of each year beginning March 1, 1984. The annual report shall cover facility activities during the previous calendar year and shall include the following information:

- (1) The EPA identification number, name and address of the facility;
- (2) The calendar year covered by the report;
- (3) The EPA or California State Department of Health Services identification number of each hazardous waste generator from which the facility received a hazardous waste during the year; for imported shipments, the report shall give the name and address of the foreign generator;
- (4) The description quantity and method of treatment, storage, and disposal of each hazardous waste the facility received during the year, listed by EPA or California State Department of Health Services identification number of each generator; and
- (5) The most recent closure cost estimate.

(d) Additional Reports

In addition to submitting the annual report required in Item 20 (c), the owner or operator shall also report to the California State Department of Health Services:

- (1) Releases, fires, and explosions; and
- (2) Facility closure.

21. Closure

(a) Closure Plan and Amendment of Plan

- (1) The owner or operator shall comply with the closure plan as described in the approved operation plan.
- (2) The owner or operator may amend his closure plan at any time during the active life of the facility. (The active life of the facility is that period during which wastes are periodically received.) The owner or operator shall amend his plan any time

changes in operating plans or facility design affect the closure plan.

- (3) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments made to the closure plan.
- (4) The owner or operator shall notify the California State Department of Health Services at least 180 days before the date he expects to begin closure.

(b) Time Allowed for Closure

- (1) Within 90 days after receiving the final volume of hazardous wastes, the owner or operator shall treat all hazardous wastes in storage or in treatment or remove them from the site in accordance with the approved closure plan.
- (2) The owner or operator shall complete closure activities in accordance with the approved closure plan and within six months after receiving the final volume of wastes.

(c) Disposal or Decontamination of Equipment

- (1) If it is deemed necessary by the California State Department of Health Services, the owner or operator shall have the cement slab and/or soil tested for various constituents as determined by the California State Department of Health Services. Analyses shall be performed by a laboratory approved by the California State Department of Health Services.
- (2) When closure is completed, all facility equipment and structures shall have been properly disposed of or decontaminated by removing all hazardous waste and residues.

(d) Certification of Closure

When closure is completed, the owner or operator shall submit to the California State Department of Health Services certification both by the owner or operator and by an independent engineer registered in California that the facility has been closed in accordance with the specifications in the approved closure plan.

22. Financial Responsibility

(a) Liability Insurance

- (1) The owner or operator shall have liability insurance coverage as described in the operation plan and supplements.
- (2) A copy of the insurance policy shall be submitted to the California State Department of Health Services at least 60 days prior to the initial receipt of hazardous wastes.



(b) Cost Estimate for Facility Closure

- (1) The owner or operator shall have a written estimate of the cost of closing the facility in accordance with the applicable closure requirements of this permit. The owner or operator shall keep this estimate, and all subsequent estimates, at the facility. The estimate shall equal the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive as indicated by its closure plan.
- (2) The owner or operator shall prepare a new closure cost estimate whenever a change in the closure plan affects the cost of closure.
- (3) On each anniversary of the effective date of this permit, the owner or operator shall adjust the latest closure cost estimate using an inflation factor derived from the annual Implicit Price Deflator for Gross National Product as published by the U.S. Department of Commerce in its SURVEY OF CURRENT BUSINESS. The inflation factor shall be calculated by dividing the latest published annual Deflator by the Deflator for the previous year. The result is the inflation factor.

The adjusted closure cost estimate shall equal the latest closure cost estimate times the inflation factor.

- (4) The adjusted closure cost estimate shall be submitted to the California State Department of Health Services as part of the annual report required in III 20 (c).

(c) Financial Assurance for Facility Closure

The permittee shall demonstrate continuous compliance with 40 CFR 264.143 and .145 or where applicable with 40 CFR 264.145, .149, .150, and .151 by providing documentation of financial assurance in at least the amount of the cost estimates required by permit condition III 22 (b).

- (d) An owner or operator who fulfills the requirements of III 22 (c) by obtaining a letter of credit, surety bond, or insurance policy will be deemed to be without the required financial assurance in the event of a bankruptcy, insolvency, or a suspension or revocation of the license or charter of the issuing institution. The owner or operator must establish other financial assurance within 60 days of such events.
- (e) The owner or operator shall comply with all other financial responsibility and facility closure requirements of the California State Department of Health Services when enacted.

IV. STORAGE OF WASTES

1. General Conditions

- (a) Hazardous waste shall not be stored at the facility for longer than

one year without written approval from the California State Department of Health Services.

- (b) If a hazardous waste is stored at the facility longer than one year, the owner or operator shall submit to the California State Board of Equalization fees due and payable in conformance with Chapters 1-8, Part 22, Division 2, Revenue and Taxation Code and with Article 8, Chapter 30, Division 4, Title 22, California Administrative Code.
- (c) Hazardous waste shall be stored in a secure enclosure such as a building, room, or fenced area which shall prevent unauthorized persons from gaining access to the waste and in a manner that will prevent spills.

## 2. Storage in Containers

### (a) Conditions

- (1) Containers used for storing hazardous waste shall be in a condition such that the containers can be safely transported, handled, or moved.
- (2) If a container holding hazardous waste is not in good condition, or if it begins to leak, the owner or operator shall transfer the hazardous waste from this container to a container that is in good condition, or manage the waste in some other way that complies with the conditions of this permit.

### (b) Compatibility of Waste

- (1) The owner or operator shall use a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
- (2) Areas used for storing containers of hazardous waste shall be widely separated, or physical barriers shall be provided to ensure that commingling of incompatible hazardous wastes cannot occur if a container ruptures.

### (c) Management

- (1) Containers holding hazardous wastes shall be stored only in the area designated in the approved operation plan.
- (2) A container holding hazardous waste shall remain closed during storage, except when it is necessary to add or remove waste.
- (3) A container holding hazardous waste shall not be opened, handled, or stored in a manner which might rupture the container or cause it to leak.
- (4) All hazardous wastes must be packed in containers the same day as received.

- (5) A label shall be maintained on all containers in which hazardous wastes are stored for 90 days or more and records for the storage of all hazardous wastes shall be maintained pursuant to Section 66454, Title 22 of the California Administrative Code. Labels shall include the following information:
- (i) Composition and physical state of the waste;
  - (ii) Special safety recommendations and precautions for handling the waste;
  - (iii) Statement or statements which call attention to the particular hazardous properties of the waste;
  - (iv) Amount of waste and name and address of the person producing the waste; and
  - (v) Date of acceptance at the storage facility.
- (6) Empty containers contaminated with hazardous materials shall be stored, handled, and processed as hazardous wastes.
- (7) The total number of containers storing hazardous waste in a storage area shall not exceed the design capacity at any one time.
- (8) To prevent hazardous waste from being blown by the wind, hazardous waste in the form of powder, dust, or a fine solid shall be handled and stored in covered containers or if the waste is not water-reactive, shall be wetted as a slurry.
- (9) Asbestos wastes in sealed, nonreturnable containers shall be handled and covered without opening, breaking, or rupturing the containers.
- (10) The operator shall store and handle emptied pesticide containers in accordance with the requirements of Chapter 30, Division 4, Title 22, of the California Administrative Code and Article 10, Group 3, Subchapter 3, Chapter 4, Title 3, of the California Administrative Code.
- (11) Water-reactive hazardous waste shall be stored in a rain-tight and waterproof area.

(d) Inspections

The owner or operator shall inspect areas where containers are stored in accordance with the written inspection schedule of the approved operation plan.

(e) Containment

The owner or operator shall provide a spill containment system in accordance with the approved operation plan. Specifically, each hazardous waste storage area shall have a continuous base that is impervious

to the waste stored and shall be designed and constructed so that any surface water runoff or spills can be contained, and surface water runoff can be excluded. The containment system shall have sufficient capacity to contain ten percent of the volume of containers or the volume of the largest container, whichever is greater. The following areas shall contain no more than the following number of drums:

acid, toxic, oxidizer	-	84 drums each
caustic	-	105 drums
flammable	-	53 drums

(f) Ignitable or Reactive Waste

Containers holding ignitable or reactive waste shall be situated at least 12 meters (40 feet) from the property line of the facility.

(g) Incompatible Waste

- (1) Incompatible wastes, or incompatible wastes and materials, shall not be placed in the same container, unless the requirements of Item 12 (b), Part III of this permit are met.
- (2) Hazardous waste shall not be placed in an unwashed container that previously held an incompatible waste or material unless the requirements on Item 12 (b), Part III of this permit are met.
- (3) A storage container holding a hazardous waste that is incompatible with any waste or material stored nearby in other containers, shall be separated from the other materials or protected from them by means of a berm.

(h) Closure

The owner or operator shall close the container storage area in compliance with the approved closure plan.

3. Recycling

If requested by the California State Department of Health Services in accordance with Article 12, Chapter 30, Division 4, Title 22, California Administrative Code, the owner or operator shall submit a written statement justifying having not recycled a waste which the Department has determined to be recyclable.



**ATTACHMENT F**  
**ANNUAL REPORTS**

BAY AREA ENVIRONMENTAL ANNUAL REPORT

EPA ID #: CAX 080014079

1125 Hensley St., Richmond, CA 94801

SUMMARY OF MONTHLY REPORTS

Calendar Year Covered 1984

	<u>Drums Received</u>				<u>Drums Shipped Out</u>		
<u>Size (gallon)</u>	55	5	1		55	5	1
<u>Month:</u>							
Dec.	6	2-30g*	2-15g*		NONE		
Nov.	22	10	5		87	50	
Oct.	96	24	36		NONE		
Sept.	25	4	80		24 Recycled		
Aug.	14	56	19		NONE		
July	11		4		32		
June	32	1	1		NONE		
May	6	43			10		
April	NONE				NONE		
Jan-March	NONE				9	65	
Total drums	212	138	145	2-30 gal. 2-15 gal.	162	115	

\* Variable drum size

BAY AREA ENVIRONMENTAL ANNUAL REPORT

EPA ID #: CAX 080014079

1125 Henslev St., Richmond, CA 94801

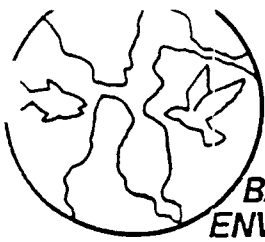
SUMMARY OF MONTHLY REPORTS

Calendar Year Covered 1985

	<u>Drums Received</u>			<u>Drums Shipped Out</u>		
<u>Size (gallon)</u>	55	5	1	55	5	1
<u>Month:</u>						
Dec.	16	11	10	NONE		
Nov.	16	*11 yds. (Bags)		150 (Class I) 11 yds (Class II-2)		
Oct.	54	1	4	NONE		
Sept.	35	-0-	10	90		
Aug.	17	7	11	NONE		
July	60	-0-	-0-	86		
June	33	1	2 *48 oz.	NONE		
May	5	1	3	NONE		
April	11	*2	* 7 gal.	NONE		
Jan-March	23	*12-15 gal. *2-30 gal.		73		
Total drums	270	23	40	399		
			1- 7gal.			
			12- 15 gal.			
			2- 30 gal.			
			40 Bags (11 yds)			

\* Variable drum size





BAY AREA  
ENVIRONMENTAL

May 12, 1987

Board of Equalization  
Excise Tax Unit  
P.O. Box 647  
Sacramento, CA 95803-0647

Dear Sir:

Enclosed is our Hazardous Substance Disposal Report Superfund for 1986.

Our facility is a small storage facility as defined by the state. Bay Area Environmental does not treat any hazardous waste at this facility. Incoming drums are received from several off site sources. These drums are combined into full truck load amounts and sent to other T.S.D.F. facilities for disposal or treatment and disposal. Our facility does not collect taxes and we are not the original generator on the materials leaving our facility.

Some material enter our facility under one state waste code and leave under another and descriptions are generalized to minimize the paper work. For example some drums arrive as oil sludge, contaminated soil, paint related material, etc.; these drums are remanifested as Hazardous Waste Solid N.O.S., ORM-E. One state code describing several incoming loads is assigned to the line item describing these drums, i.e. 352, other organic solids.

We have discussed this approach with the D.O.H.S. and E.P.A., and they have given their approval. Your office has stated that our facility is exempt from BOE Excise Tax for material that simply arrive here for storage and leave again.

Sincerely,

David Burton  
Hazardous Materials Specialist

DB/an

Facility ID# GF HQ36-018952  
BOE ID# HA HQ 36-018952  
EPA ID# CAT 080014079

CALIFORNIA STATE DEPARTMENT OF HEALTH SERVICES  
TOXIC SUBSTANCES CONTROL DIVISION

ANNUAL FACILITY HAZARDOUS WASTE  
REPORT FOR 1986

This report is for the calendar year ending December 31, 1986.  
Read all instructions carefully before making any entries on this form.

The front page of this report form must be completed and returned regardless of facility status.  
Please print/type with elite type (12 characters per inch): One character per box.

I. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

II. FACILITY NAME

B A Y A R E A E N V I R O N M E N T A L I N C

III. LOCATION OF FACILITY

1 1 2 5 H E N S I L E Y S T R E E T

Street or P.O. Box

R I C H M O N D C A 9 4 8 0 1

City or Town

State

Zip Code

C O N T R A C O S T A

County

IV. FACILITY MAILING ADDRESS (If different from Section III. above.)

Street or Route Number

City or Town State Zip Code

County

V. FACILITY CONTACT

D A V I D B U R T O N

Name

4 1 5 - 2 3 3 8 0 0 1

Area Code

Phone Number

VI. COST ESTIMATES FOR FACILITIES (Whole dollar amounts)

\$ 1 7 2 0 0 \$ 1 5 0 0 0

A. Cost Estimate for Facility  
Closure

B. Cost Estimate for Post Closure  
Monitoring and Maintenance

VII. NONREGULATED STATUS (If nonregulated, complete only this page of the form.)

1. ☐ This facility *did not* treat, store, or dispose of regulated quantities of hazardous waste at any time during 1986
2. ☐ This facility is operating with a variance from permit requirements (attach a copy).
3. ☐ This facility has submitted a request for a variance from permit requirements (attach a copy)
4. ☐ This facility has requested that the Part A Application be withdrawn (attach a copy)
5. ☐ This facility has undergone closure (attach certification letter).
6. ☐ Other:

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

David Burton Hazardous Material Specialist 3-27-87

Print/Type Name Title Signature Date Signed

## IX. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## X. WASTE STORAGE (Complete this section for waste stored for more than 90 days. Use whole numbers.)

Type of Storage		Average Monthly Quantity In Storage	Total Capacity	Unit of Measure
1. Container (Drum, Barrel)	(S01)	9 0	2 0 0	T
2. Tank	(S02)	0		
3. Waste Pile	(S03)	0		
4. Surface Impoundment	(S04)	0		
5. Other:	(S05)	0		

## XI. WASTE DISPOSAL (Complete this section only if waste is disposed of at the facility. Use whole numbers.)

Type of Disposal		Annual Quantity Disposed	Capacity Remaining As Of December 31, 1986	Unit Of Measure
1. Injection Well	(D80)			
2. Landfill	(D81)			
3. Land Application	(D82)			
4. Ocean Disposal	(D83)			
5. Surface Impoundment	(D84)			
6. Other:	(D85)			

## XII. WASTE TREATMENT (Complete this section for waste treatment methods used at the facility, include recycling. Use whole numbers.)

Treatment Method	T or R	Total Amount Treated/Recycled	Annual Capacity	Unit of Measure
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

## XIII. COMMENTS (List any explanations or significant events which influenced capacities or throughput for Sections X–XII above.)

## XIV. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility. ☐
2. The waste streams reported on this page were received from an off-site generator. ☒

## XVI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shippee Offsite
I.							
1	Acid solutions with metals	D 0 0 2	1 1 1	S 0 1	2 1 0 0	P	
2							
3							
4							
5							
6							
II.							
1	Acid solution w/out metals	D 0 0 2	1 1 2	S 0 1	1 5 8 2	G	
2	Acid solution w/out metals	D 0 0 2	1 1 2	S 0 1	5 1 6 0	P	
3							
4							
5							
6							
III.							
1	Unspecified acid solution	D 0 0 2	1 1 3	S 0 1	1 5 0 0	P	
2							
3							
4							
5							
6							
IV.							
1	Alkaline solution w/metals	D 0 0 2	1 2 1	S 0 1	1 5 0 0	P	
2							
3							
4							
5							
6							

## XIV. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility.

2. The waste streams reported on this page were received from an off-site generator.

## XVI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Alkaline solution w/o metals	D 0 0 2	1 2 2	S 0 1	5 0	G	
2	Alkaline solution w/o metals	D 0 0 2	1 2 2	S 0 1	1 1 7 4 0	P	
3							
4							
5							
6							
II.							
1	Aqueous solution		1 3 1	S 0 1	5 0 0	P	
2							
3							
4							
5							
6							
III.							
1	Unspecified aqueous solution	NON R C R A	1 3 5	S 0 1	1 8 0 0	P	
2							
3							
4							
5							
6							
V.							
1	Asbestos-containing waste	non R C R A	1 5 1	S 0 1	3	K	
2	Asbestos-containing waste	NON R C R A	1 5 1	S 0 1	2 1 8 0 0	P	
3							
4							
5							
6							

## XVI. WASTE IDENTIFICATION AND MANGEMENT

## B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I							
1	unspecified aqueous solution	Non R C R A	1, 3, 5	D, 8, 1	1, 8, 0, 0	P--	X
2							
3							
4							
II							
1	Asbestos	non RCRA	1, 5, 1	D, 8, 1	3	K	X
2	Asbestos	non RCRA	1, 5, 1	D, 8, 1	2, 1, 8, 0, 0	P	X
3							
4							
III							
1	other inorganic solid waste	Non RCRA	1, 8, 1	D, 8, 1	6, 2, 0	P	X
2			1, 8, 1	D, 8, 1	1, 0, 0	P	X
3							
4							
IV							
1	Inorganic surplus	NON RCRA	1, 4, 1	D, 8, 1	9, 8, 7, 6	P	X
2							
3							
4							

## XVII. COMMENTS (Label entries by section and line number.)

IV-1) Material shipped out as Hazardous Waste Solid under Waste Code 551.

## XVI. WASTE IDENTIFICATION AND MANGEMENT

## B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Acid solution w/metals	D1002	111	T21			
2				D81	2100	P	X
3							
4							
II.							
1	Acid solution w/out metals	D1002	112	D81	700	P	X
2				T31	2215	G	X
3							
4							
III.							
1	Unspecified acid solution	D002	113	D81	100	P	X
2		D002		D81	1400	P	X
3							
4							
V.							
1	Alkaline solution w/metals	D1002	121	T21	500	P	X
2				D81			
3							
4							

## XVII. COMMENTS (Label entries by section and line number.)

I-1) Some nonspecific wastes solutions consolidated for neutralizations.

III-2) Materials shipped out as Waste Laboratory Chemical under State Code 551.

IV-1) Shipped out as Waste Laboratory Chemicals see 551.

## IV. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility. ☐
2. The waste streams reported on this page were received from an off-site generator. ☒

## VI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)		Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I. 1	Other inorganic solid waste	NON	R C R A	1 8 1	S 0 1	1 6 5 5	P	
2								
3								
4								
5								
6								
II. 1	Halogenated solvents	F 0 0 2		2 1 1	S 0 1	5 0	G	
2	Halogenated solvents	F 0 0 2		2 1 1	S 0 1	1 4 5 0	P	
3								
4								
5								
6								
III. 1	Oxygenated solvents	O 0 0 1		2 1 2	S 0 1	1 5 0	G	
2	Oxygenated solvents	O 0 0 1		2 1 2	S 0 1	1 3 0 0	P	
3								
4								
5								
6								
V. 1	Hydrocarbon solvents	O 0 0 1		2 1 3	S 0 1	1 5 5 5	G	
2	Hydrocarbon solvents	O 0 0 1		2 1 3	S 0 1	5 0 4 2 5	P	
3								
4								
5								
6								



## IV. FACILITY EPA I.D. NUMBER

C | A | T | 0 | 8 | 0 | 0 | 1 | 4 | 0 | 7 | 9 |

## XV.

1. The waste streams reported on this page were generated on the facility. ☐
2. The waste streams reported on this page were received from an off-site generator. ☒

## VI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Unspecified solvent mixture	D101011	2114	S1011	280	G	
2	Unspecified solvent mixture	D101011	2114	S1011	16080	P	
3							
4							
5							
6							
II.							
1	Waste oil & mixed oil	D101011	2121	S1011	21815	G	
2	Waste oil & mixed oil	D101011	2121	S1011	48400	P	
3							
4							
5							
6							
III.							
1	Oil/water separation sludge	non R C R A	2122	S1011	9100	G	
2	Oil/water separation sludge	NON R C R A	2122	S1011	17150	P	
3							
4							
5							
6							
IV.							
1	unspecified oil-containing waste	NON R C R A	2123	S1011	930	G	
2	unspecified oil-containing waste	NON R C R A	2123	S1011	15200	P	
3							
4							
5							
6							

VI. WASTE IDENTIFICATION AND MANGEMENT

B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Halogenated solvent	F 0 0 2	2 1 1	R 1 0	5 7 0	G	X
2		F 0 0 2	2 1 1	R 1 1	1 1 0	G	X
3		F 0 0 2	2 1 1	R 1 0	1 0 0	G	X
4							
II.							
1	Oxygenated solvents	D 0 0 1	2 1 2	R 1 1	3 0	G	X
2	Oxygenated solvents	D 0 0 1	2 1 2	D 8 1	1 3 0 0	P	X
3							
4							
I.							
1	Hydrocarbon solvents	D 0 0 1	2 1 3	R 1 1	2 3 8 5	G	X
2	Hydrocarbon solvents	D 0 0 1	2 1 3	D 8 1	1 0 0 0 0	P	X
3	Hydrocarbon solvents	D 0 0 1	2 1 1	R 1 1	2 2 0	G	X
4							
III.							
1	unspecified solvent mixture	D 0 0 1	2 1 4	R 1 1	4 5 0	G	X
2	unspecified solvent mixture	D 0 0 1	2 1 4	D 8 1	6 9 7 0	P	X
3							
4							

XVII. COMMENTS (Label entries by section and line number.)

I-1) Multiple entries correspond to different disposal sites.

II-2) Shipped out as Hazardous Waste Solid see code 551.

III) Some materials in this section shipped as Hazardous Waste Solid under 551. Other recyclable materials combined under this code.

## XIV. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility. ☐2. The waste streams reported on this page were received from an off-site generator. ☒

## XVI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Pesticides & other waste assoc. with pesticides	D 0 0 1	2 3 2	S 0 1	8 7 0 0	P	
2	Pesticides & other waste assoc. with pesticides	F 0 2 0	2 3 2	S 0 1	2 0 0	G	
3							
4							
5							
6							
II.							
1							
2							
3							
4							
5							
6							
III.							
1	Polymeric resin waste	D 0 0 1	2 7 2	S 0 1	2 0	G	
2	Polymeric resin waste	D 0 0 1	2 7 2	S 0 1	3 9 8 5 0	P	
3							
4							
5							
6							
IV.							
1	Latex Waste	non R C R A	2 9 1	S 0 1	1 0 5 5	G	
2	Latex waste	non R C R A	2 9 1	S 0 1	9 2 4 0	P	
3							
4							
5							
6							

# WASTE IDENTIFICATION AND MANGEMENT

## B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
1	Waste oil & mixed oil	NON RCRA	2 2 1	R 1 1	1 8 0 0	P	X
2	Waste oil & mixed oil	NON RCRA	2 2 1	D 8 1	2 7 0 0	G	X
3							
4							
1	Polymeric resins	D 0 0 1	2 7 2	D 8 1	1 3 2 9 0	P	X
2							
3							
4							
1	Latex waste	D 0 0 1	2 9 1	D 8 1	2 0 4 7 0	P	X
2							
3							
4							
v. 1	Pesticides & other waste	non RCRA	2 3 2	D 8 1	8 7 0 0	P	X
2							
3							
4							

## II. COMMENTS (Label entries by section and line number.)

I-1) Some materials shipped out for recycle were not accompanied by a manifest. Some material that were landfilled went out as Hazardous Waste Solid under several different codes. Some materials manifested in under 222 and 233 were sent out under a variety of different waste codes i.e. 461, 551, 352.

II-1) Includes paint, some materials recycled under solvent codes.

III-1) Includes some materials from 272.

IV-1) Shipped out as household waste see 612.

## XIV. FACILITY EPA I.D. NUMBER

C I A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility. ☐
2. The waste streams reported on this page were received from an off-site generator. ☒

## XVI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Biological waste other than sewage sludge	non R C R A 	31212	S101	151101510	P	
2							
3							
4							
5							
6							
II.							
1	Off-specification, aged, or surplus organics	non R C R A 	31311	S101	17101010	P	
2							
3							
4							
5							
6							
III.							
1	Unspecified organic liquid mixture	D10101	31413	S101	181510	G	
2	Unspecified organic liquid mixture	D10101	31413	S101	1101010	P	
3							
4							
5							
6							
IV.							
1	Other organic solids	non R C R A 	31512	S101	16171019	P	
2							
3							
4							
5							
6							

## XVI. WASTE IDENTIFICATION AND MANGEMENT

## B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I-1	Biological waste other than sewage sludge	NON RCRA	3 2 2	D 8 1	5 1 0 5 0	P-	X
2							
3							
4							
II-1	off-spec aged, surplus only	D 0 0 1	3 3 1	D 8 1	5 0 0 0	P	X
2							
3							
4							
III-1	Other organic solids	NON RCRA	3 5 2	D 8 1	1 1 7 3 4	P	X
2							
3							
4							
I-1	Paint sludge	D 0 0 1	4 6 1	R 1 1	5 5 0	G	X
2	Paint sludge	D 0 0 1	4 6 1	D 8 1	4 6 2 0 0	P	X
3							
4							

## XVII. COMMENTS (Label entries by section and line number.)

I-1) Hospital infectious waste.

II-1) Some material shipped out as 551.

III-1) Includes materials from other State Codes i.e. 222, 223.

## V. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

## XV.

1. The waste streams reported on this page were generated on the facility. ☐
2. The waste streams reported on this page were received from an off-site generator. ☒

## VI. WASTE IDENTIFICATION AND MANAGEMENT

## A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
1	Paint Sludge	D 0 0 1	4 6 1	S 0 1	5 5 0	G	
2	Paint sludge	D 0 0 1	4 6 1	S 0 1	3 2 7 0 0	P	
3							
4							
5							
6							
1	empty containers 30 gallons or more	non R C R A	5 1 2	S 0 1	3 7 0 0	P	
2							
3							
4							
5							
6							
III. 1	empty containers 30 gallons or less	non R C R A	5 1 3	S 0 1	2 6 7	P	
2							
3							
4							
5							
6							
V. 1	Laboratory waste chemicals	D 1 0 1 0 1	D 1 0 1 0 1	5 5 1	S 0 1	4 5 9 1 3 1 1	
2							
3							
4							
5							
6							

## XVI. WASTE IDENTIFICATION AND MANGEMENT

## B. ULTIMATE DISPOSAL;

Report the final disposition of all hazardous waste handled by the facility. Report quantities from corresponding sections of XVI., Part A. Report quantities using whole numbers.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Empty container	non RCRA	5112	D81	30000	P	X
2							
3							
4							
I.							
1	Empty container	non RCRA	5113	D81	6000	P	X
2							
3							
4							
II.							
1	Waste Laboratory chemicals	variety	551	D81	231860	P	X
2							
3							
4							
I.							
1	Contaminated soil	NON RCRA	611	D81	23900	P	X
2							
3							
4							

## VII. COMMENTS (Label entries by section and line number.)

III-1) Includes stabilized wastes shipped out as Hazardous Waste Solid from other Codes, as well as homeowner wastes.

IV-1) Shipped out under misc. other codes.

I-II) Includes waste containers generated from solidation of materials.



XIV. FACILITY EPA I.D. NUMBER

C A T 0 8 0 0 1 4 0 7 9

XV.

1. The waste streams reported on this page were generated on the facility.
2. The waste streams reported on this page were received from an off site generator.

XVI. WASTE IDENTIFICATION AND MANAGEMENT

A. WASTE TREATMENT AND STORAGE

Report only waste treated or stored at this facility. Report quantities using whole numbers. List treatment or storage steps in sequential order for each waste code. One waste stream per section.

Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)	Calif. Waste Code	Handling Method	Amount of Waste	Unit of Measure	Shipped Offsite
I.							
1	Contaminated soil	Misc	6111	S01	123900	P	
2							
3							
4							
5							
6							
II.							
1	Household wastes	Misc	6112	S01	561100	P	
2							
3							
4							
5							
6							
III.							
1	Liquids with lead	D10108	7124	S01	6000	P	
2							
3							
4							
5							
6							
IV.							
1							
2							
3							
4							
5							
6							



**ATTACHMENT G**  
**PART A APPLICATION**



## HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

EPA I.D. NUMBER

FCAT037014610

ICRA

## FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)
23	24

COMMENTS

## II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's A I.D. Number in Item I above.

## A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

- ☐ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

YR.	MO.	DAY
73	74	75

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

- ☒ 2. NEW FACILITY (Complete item below.)

YR.	MO.	DAY
73	74	75

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

## B. REVISED APPLICATION (place an "X" below and complete Item I above)

- ☐ 1. FACILITY HAS INTERIM STATUS

- ☐ 2. FACILITY HAS A RCRA PERMIT

## III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

3. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	501	GALLONS OR LITERS
TANK	502	GALLONS OR LITERS
ASTE PILE	503	CUBIC YARDS OR CUBIC METERS
IRFACE IMPOUNDMENT	504	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
INDFILL	D80	ACRE-Feet (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
IRFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR: GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U

UNIT OF MEASURE	UNIT OF MEASURE CODE
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H

UNIT OF MEASURE	UNIT OF MEASURE CODE
ACRE-Feet	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

A. PROCESS CODE (from list above)		B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	
1. AMOUNT (specify)		2. UNIT OF MEASURE (enter code)			
1	502	600	G		
2	503	20	E		
3	501	3800	G		
4					
5					
6					
7					
8					
9					
10					

DUP

DUP

## IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	F001	12160	P		
2	F006	7300	P		
3	F007	9730	P		
4	F008	7300	P		
5	F003	10945	P		
6	F012	18240	P		
7	F015	7300	P		
8	F030	24000	P		
9	U239	6000	P		
10	U220	6000	P		
11	U012	6000	P		
12	U019	6000	P		
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

EPA I.D. NO. (enter from page 1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

**FACILITY DRAWING**

Existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

**PHOTOGRAPHS**

Existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

**FACILITY GEOGRAPHIC LOCATION**

LATITUDE (degrees, minutes, & seconds)										LONGITUDE (degrees, minutes, & seconds)									
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84

**FACILITY OWNER**

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER										2. PHONE NO. (area code & no.)									
O. ERICKSON INC.										415-235-1300									
3. STREET OR P.O. BOX										4. CITY OR TOWN									
5 FARR BLVD.										RICHMOND									
5. ST.										6. ZIP CODE									
CA										94801									

**OWNER CERTIFICATION**

I, the undersigned, certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
O. ERICKSON INC.	Oscar J. Erickson	4-29-81

**OPERATOR CERTIFICATION**

I, the undersigned, certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED
BILL WAHBEH	Bill Wahbeh	4-29-81

<b>A. FIRST</b> (specify) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	<b>B. SECOND</b> (specify) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>
<b>C. THIRD</b> (specify) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	<b>D. FOURTH</b> (specify) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>

<b>OPERATOR INFORMATION</b>		Is the name listed in Item VIII-A also the owner? <input type="checkbox"/> YES <input type="checkbox"/> NO
<b>A. NAME</b> HAZARDOUS WASTE TREATMENT		

<b>C. STATUS OF OPERATOR</b> (Enter the appropriate letter into the answer box; if "Other", specify.) FEDERAL M = PUBLIC (other than federal or state) STATE O = OTHER (specify) PRIVATE		<b>D. PHONE</b> (area code & no.) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>
P (specify) PRIVATE		415 711 7111

<b>E. STREET OR P.O. BOX</b> 10000 100th Ave	
---	--

<b>F. CITY OR TOWN</b> HAZARD	<b>G. STATE</b> AL	<b>H. ZIP CODE</b> 9430	<b>IX. INDIAN LAND</b> Is the facility located on Indian lands? <input type="checkbox"/> YES <input type="checkbox"/> NO
----------------------------------	-----------------------	----------------------------	--

<b>EXISTING ENVIRONMENTAL PERMITS</b>	
<b>DES (Discharges to Surface Water)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	<b>D. PSD (Air Emissions from Proposed Sources)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>
9 P	9 P
<b>(Underground Injection of Fluids)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	<b>E. OTHER (specify)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>
9	(specify)
<b>RCRA (Hazardous Wastes)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	<b>E. OTHER (specify)</b> <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>
9	(specify)

to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show line of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface features in the map area. See instructions for precise requirements.

**NATURE OF BUSINESS** (provide a brief description)

collect and store drums containing hazardous waste for less than 90 days, then transport the drums to an approved disposal site using an approved carrier who complies with state and federal regulations

<b>VERIFICATION (see instructions)</b> Under penalty of law that I have personally examined and am familiar with the information submitted in this application and all facts and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		
<b>A. OFFICIAL TITLE</b> (type or print) Walibeh	<b>B. SIGNATURE</b> Bill Walibeh	<b>C. DATE SIGNED</b> 4-29-81
<b>FOR OFFICIAL USE ONLY</b>		





**ATTACHMENT H**  
**OPERATION PLAN (1983): EXCERPTS PERTAINING TO**  
**WASTE MANAGEMENT**

OPERATIONAL PLAN  
Prepared by  
BAY AREA ENVIRONMENTAL  
for  
THE CALIFORNIA STATE DEPARTMENT  
OF  
HEALTH SERVICE  
(Hazardous Materials Section  
Berkeley, California)

First Plan Submitted, December 8, 1980

Revised Plan August 7, 1981  
Revised Plan October 19, 1982  
Revised Plan April 11, 1983

## OPERATION PLAN

### BAY AREA ENVIRONMENTAL COLLECTION/TRANSFER STATION RICHMOND, CALIFORNIA

#### I. IDENTIFICATION OF FACILITY

##### Facility operator

Name:	Bay Area Environmental	Mailing Address:
Address:	1125 Hensley Street	P.O. Box 579
	Richmond, CA 94804	San Pablo, CA 94806

EPA ID# CAT 080014079

Name and Address	J.J. Magana Corp.	Mailing Address:
of owner:	1125 Hensley Street	P.O. Box 579
	Richmond, CA 94804	San Pablo, Ca 94806

Name of Person		
Preparing the Plan	Bill Wahbeh, President	Mailing Address:
and contact:	(415) 235-9422	Same as above

SIC# 4213, 4214, 4226, 4783

November 1981

The facility collects, receives and transfers containerized wastes from householders and small industrial establishments. Small containers and their contents are placed in 55 gallon drums. All containers are transferred to a Class 1 disposal site. If a waste can be economically recycled, the facility operator shall make every effort to do so. We have no on-site treatment disposal or injection wells. Drawing No. 1, 3, 4, and 5 enclosed in the Appendix show the facility's layout. Drawing No. 5 shows the concrete slab design and dimensions. A wire mesh will be embedded in the concrete slab and in the berms.

The 5" slab will be structurally strong enough to support the drums and equipment without cracking. The sealant applied to concrete surfaces will be compatible with the waste stored on the surface, e.g., acid-proof sealant for acid storage area.

The storage area will be protected from rain by a corrugated metal roof and canvas doors. Rainwater will not collect in the storage area, because the storage area floor will be sloped for proper drainage so as to prevent the drums from standing in liquid.

The drums will be standing on pallets as well. Run-off from other areas cannot enter the storage area. The estimated storage capacity of each bermed area is 84 drums. Each bermed area will hold 20% of its container capacity. This is enough capacity to contain accidental spills. Both the storage of empty drums as well as the drum filling operation will be located on the concrete slab.

The traffic flow is as show on drawing No. 1. Five parking spaces are designated for household parking area. Fuel will not be store on site and maintenance will be done on site. A six foot chain link fence will be installed on the site's boundary. The surface of the vehicles path will be asphalt. All other areas will have gravel surface.

Size and number of vehicles using the facility would be:

1/2 ton pick-up  
2 1/2 ton truck  
40' flat bed

twice a day  
once a week  
once a month

V. CHARACTERISTICS OF HAZARDOUS WASTES HANDLED AT THE FACILITY.

- A. 1. Hazardous waste handled at the facility is defined in Section 261.33(a) through (f), Title 40 of the Federal Register.

The facility operator will serve homeowners and a wide range of small & medium sized industries located in Contra costa County. At this time it is difficult to predict the quantities and types of waste which would be handled at the facility.

B. Methods for Identification of Hazardous Wastes.

This facility will be accepting small volume, containerized Wastes from homeowners and wastes from small generators.

It is assumed that all waste handled on site is toxic and precautions will be taken in regard of protecting the facility's operators, by providing safety and protective clothes.

Ignitability will be tested using a gas sniffer.

pH measurement is an excellent indication of the reactivity or corrosivity of chemicals.

All containers received at the facility must be labeled in accordance to the Department of Transportation, regulations Title 49, and Title 22, Section 66535 g.

It is the generator's responsibility to identify the waste and furnish the waste analysis on the manifest.

Waste characterization will be limited to test:

- 1) pH-acid or alkaline solution.
- 2) Flammability - use a sniffer.
- 3) Reactivity with water.

VI. MAJOR WASTE MANAGEMENT DEVICES USED AT THE FACILITY.

The containers used for the storage of hazardous waste are 55 gallon drums.

The waste stored in the containers is compatible with the container's material of construction.

Leaky 55 gallon containers will be overpacked. Leaky and corroded containers which are less than 55 gallon will be placed in 55 gallon steel drums. Plastic liners will be used in the drum if the waste is not compatible with the steel.

All small containers and glass bottles will be packaged in 17 H 55 gallon/drums. Vermiculite or other approved absorbent material will be used as needed to fill in between the containers.

All labeling will be in accordance to D.O.T. specifications as stated in Title CFR 49, and Title 22, Section 66535 g. The drum storage area is covered and no precipitation is expected in this area.

The drums will be placed on pallets. The pallets will have rubber pads mounted at its end for floor surface protection.

Two foot aisle space is maintained for inspection between the drums.

2. Containment for the Drums Storage Area.

The drums are stored on a 5" concrete slab. One coat of paint is applied over the entire floor area. The paint is resistant to the chemicals stored on the slab. Construction details of this area are shown on drawing No. 5.

The concrete slab is divided into sections. Each section is contained within 6" high concrete berm, and slopes toward one end. The drums are mounted on pallets for protection from standing liquids.

Signs will be posted to direct the clients, who bring in the waste in their personal vehicles.

Each sign will read: "Do not remove containers from the vehicles, before checking with the facility's attendant."

The signs will be posted at: a) Facility Entrance  
b) Parking Lot Fence  
c) Office Door

E. Lighting

The facility will not operate during hours of darkness.

Flood lights are presently installed in the yard.

F. Water Supply

The city water is available on site, and will be used for eye wash and shower. Bottled water will be inside the office for drinking.

VIII. OPERATIONAL PROCEDURE

Traffic flow and parking designations for homeowners and haulers are shown on DWG. No. 1, Homeowners will park in the area designated, then go to the office for the paper work. Signs will be posted to direct the clients, who bring in the waste in their personal vehicles.

Each sign will read: "Do not remove containers from the vehicles, before checking with the facility's attendant."

The signs will be posted at: a) Facility Entrance  
b) Parking Lot Fence  
c) Office Door



If the homeowner has a small container, it will be handled manually, if it is large, then it will be handled using a hand truck.

If the container is leaking, then a 5 gallon plastic bucket with cover will be used to enclose the leaky container. Five gallon steel bucket with cover will be used for flammables and solvents.

Unlabeled waste will not be tested or analyzed in the office area. The analytical bench will be located in the Oxidizers area, equipped, as specified in the operational plan.

The waste will be received from the homeowners and the operator will fill Form-1. After this step and preparing all paperwork and paying the fees, the homeowner involvement ends and he then returns to his car and leaves the facility. The facility operator is responsible for moving the containers to the appropriate waste area.

The facility will enforce the use of the manifest as outlined in 40 CFR section 264.76.

The following instructions will be given to other haulers regarding unloading methods:

- 1) Present paper work to the office.
- 2) The operator will check the manifest or the shipping papers and verify the load on the vehicle. Any discrepancies will be reported to HWMB.
- 3) Samples will be taken from the waste containers and analyzed by the operator. The driver has to wait until the results of the analysis are known.
- 4) The driver will be directed to proceed to the storage
- 5) Unloading will be done by the facility operator using the forlift. The truck driver must not leave the unloading. The operator will store each container in its designated area.
- 6) After unloading the driver picks up the receipt from the office and leaves the facility.

Extremely hazardous waste will be marked and noted in the monthly report.

If the containers received from the customer have labels on them, then this would suffice to indicate the manner in which the waste should be handle.

If the containers are not labeled then the following tests will be carried out on the bench in the oxidizers area:

1. PH - Use Litmus Paper
2. Volatility - Use Sniffer
3. Reactivity with Water - Use one drop of the waste in a beaker of water.

Samples will be taken using a pipet and beakers. The waste from small industrial establishments will be analyzed every time the waste is delivered to the facility.

After the waste is identified the container must be labeled.

A competent operator with an education in chemistry will check the wast when it is received.

All drums will be properly labeled according to DOT regulations.

Every truckload leaving the Station must be accompanied by a California Hazardous Waste Manifest. In addition to the California Hazardous Waste Manifest, an in-house Drum Manifest (Form-4), will accompany the drum shipment. Each container will have its receipt number marked on the outside.

"A Summary Sheet of Waste Received" (Form - 2.).

Control of Waste at the Facility

Waste will be stored in the facility in the proper area by category. Below is a list of these categories:

Acids	Oil
Alkaline	Pesticides
Flammables	Water Reactive
Small Gas Cylinders	Oxidizers

Each section will be contained within a concrete berm. Small containers will be placed in drums immediately after receipt and the water reactive waste will be stored with the alkaline or oily wastes. No more than 5 gallons of water reactive waste is allowed in the facility. Glass bottles will be placed carefully inside of containers. Chemically incompatible wastes will not be packed together in the same shipping containers. After the drum is filled, it will then be closed and labeled. Fillers will be used between containers. All operations will take place on the concrete floor. Spilled material will be removed by Vacuum trucks. Empty drums for packing smaller containers will be purchased. No drums will be emptied or washed on-site. 17 H drums will be used.

The storage area will be inspected daily. Observations will be recorded on Form - 5.

Weights or volumes of these wastes are not known at this time, but will be reported to the Department of Health Services (DOHS), Hazardous Materials Management Section, (HMM) through the manifest system.

The design storage capacity of the 30' x 20' area is 85 drums. The EPA manual, "A method for Determining Hazardous Waste compatibility, "EPA - 600/2-80-076, will be used as a guide for packaging potential imcompatibles.

Small containers delivered to the Station will be handled manually. The Operator must wear the following protective clothing when handling hazardous waste: Rubber Suit, Gloves, Boots, Hard Hat, Face Shield or Goggles.

The protective clothing used on the facility would be of the disposal type and one time usage. Laundering of work clothes is not needed.

Two foot aisle space will be maintained in the storage area to allow for containers inspection by the operator.

Vehicles will not be washed off on the facility or in the storage area.

The operation of this facility does not require washing of vehicles. All waste will be containerized.

No smoking signs will be posted in the storage area and areas where flammable waste is handled.

The 55 Gallon leaky drums will be put in overpack drums immediately upon arrival to the facility. Containers less than 55 gallon capacity will put in 55 gallon drums immediately upon arrival to the facility. Steel drums will be used for alkaline solutions and steel lined drums for acidic waste. The drums will be closed at all times except when waste is added or removed.

The empty containers with hazardous waste will be handled as hazardous waste and will be subject to the same regulation. Containers or their liners will be compatible with the wastes contained, e.g. Acidic solution will be placed in plastic lined containers.

New and reclaimed drums will be used on the facility.

Containers that had waste in it will not be used with incompatible waste.

Rainwater that might enter the storage pad will be handled as a hazardous waste.

Number of drums at the facility. (Form - 3)

Copies of the California Hazardous Waste Manifest.

Copies of Summary Sheet of Waste Received. (Form -2)

All accidents resulting in a hazard to public health, safety, domestic livestock or wildlife will be reported to DOHS immediately. A written inspection schedule and log will be kept at the facility until its closure. Copies of the contingency plan, evacuation plan, and job descriptions will be kept at the facility and submitted to all local and state agencies concerned.

List Of Forms:

Forms-1	Homeowners Waste Receipt
Forms-1a	Industrial Waste Receipt
Forms-2	Summary Sheet of Waste Received
Forms-3	Monthly Report
Forms-4	Drum Manifest Form
Form-5	Daily Inspection Sheet

Waste delivered by licensed haulers must be accompanied with California Waste Manifest.

The facility operator is considered a waste generator when he transfers the waste from the facility to a permitted disposal site. A waste hauler manifest must accompany the shipment from the facility to the disposal site.

An annual report will be submitted to the Department of Health Services, Harardous Waste Management Branch as outlined in 40 CFR Section 264.75. A copy of the fee return submitted to the State Board of Equalization will be sent to HWMB along with the monthly report.

If the facility accepts any hazardous waste from an off-site source without an accompanying shipping paper, the operator will use the unmanifested waste report as outlined in 40 CFR Section 264.76.

Copies of all waste manifests and receipts are kept on site until the closure of the facility.

The location of each type of waste in the facility is shown on drawing's 4 & 5. The quantity of each waste at each location will be reported monthly on Form - 3. Summary reports of incidents will be prepared within 24 hours after the incident.

Reports will indicate the nature of the incident, its cause, contingency plan, implementation, and preventive measures to avoid future reoccurrence.

The results of inspections will be recorded on the Daily Inspection Form No. 5.





**ATTACHMENT I**

**VARIANCE**

August 7, 1984

Mr. Bill Wahbeh, P.E.  
President  
Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

Re: Temporary Variance from  
Section V of Hazardous Waste  
Facility Permit CAT080014079

---

Dear Mr. Wahbeh:

On September 14, 1983, the Department of Health Services (DOHS) issued a temporary variance from Section V of your Hazardous Waste Facility Permit concerning the construction of doors on storage areas. This variance was extended on March 15, 1984. One of the conditions of that variance was that wastes were limited to household hazardous wastes and industrial wastes from small quantity generators as defined in 40 C.F.R. 261.5(a). In a letter dated July 25, 1984 you requested that this condition be deleted. In support of your request, you stated that your facility has "been inspected by DOHS and EPA and found to be in full compliance with the permit conditions." You also stated that you've "never encountered any security problems whatsoever."

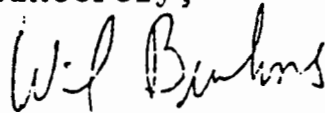
As a result of your continuing compliance with permit operating requirements we hereby delete the condition of your variance limiting you to wastes from homeowners and small quantity generators. Your temporary variance will still be subject to the other conditions stated in our March 15, 1984 letter and repeated below:


1. The variance will expire thirty days after the courts make a final decision in the current suit brought against your facility.
2. Status of the court decision shall be reported to this office, by telephone, on the next business day after a scheduled court hearing.
3. This office shall be notified by telephone on the next business day after you receive a final judicial decision.

4. ~~No more~~ than ninety (90) drums of waste shall be stored at your Richmond facility at any one time.
5. Wastes shall be limited to household hazardous wastes and industrial wastes as defined in your permit.
6. All other sections of your permit remain in effect.

If you have any questions, please call Amy Zimpfer at (415) 540-2606.

Sincerely,



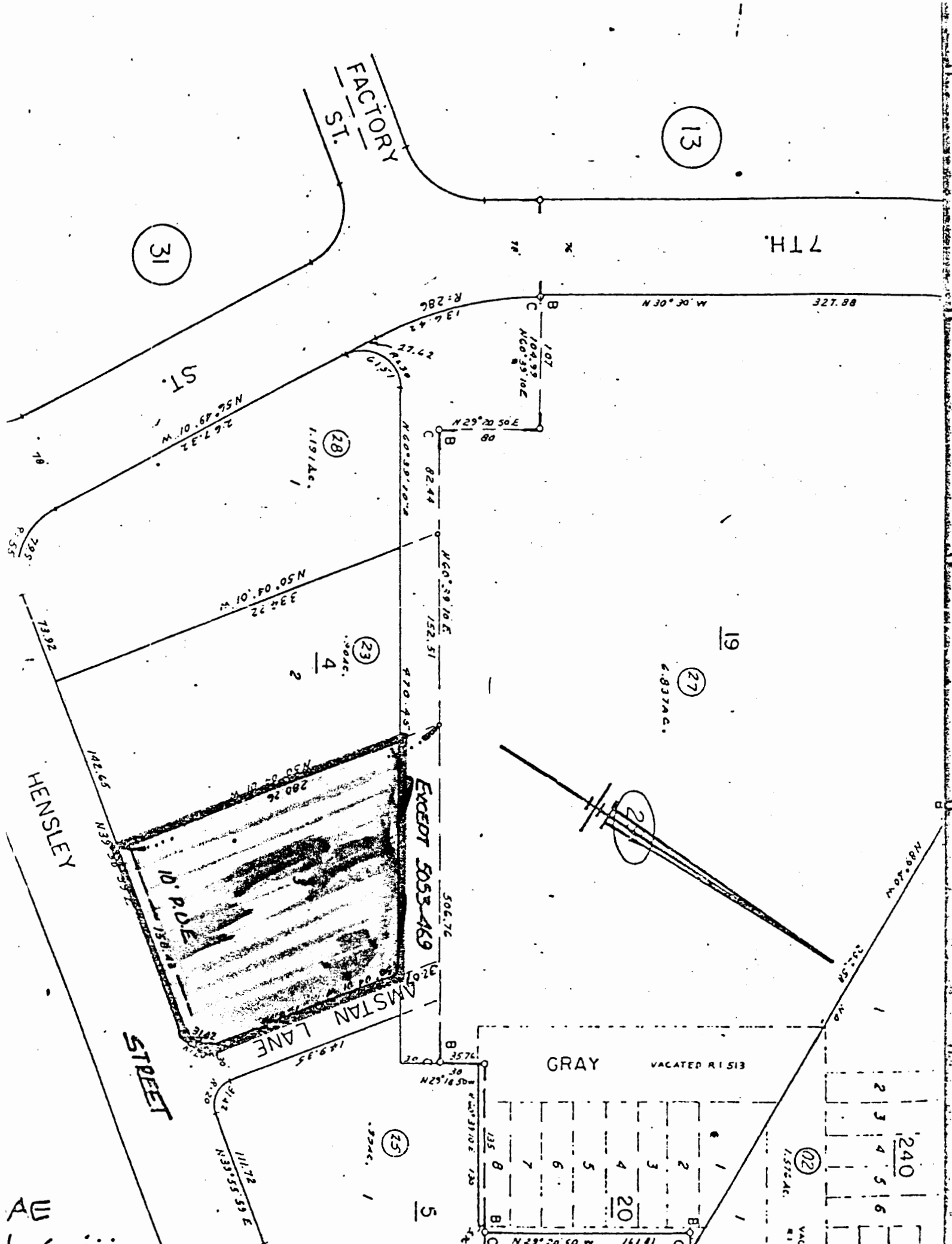
 Dwight R. Hoenig, Chief  
North Coast California Section  
Toxic Substances Control Division

ib/AZ



**ATTACHMENT J**  
**MAP OF FACILITY**

<p>NAME AS NOTED</p>	<p>ADDRESS OF:</p>	<p>DATE OF DEP</p>
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**ATTACHMENT K**  
**LABORATORY CAPABILITIES**



**BAY AREA  
ENVIRONMENTAL**

**BAY AREA ENVIRONMENTAL LABORATORY  
REQUEST FOR LAB ANALYSIS**

Date: \_\_\_\_\_

Recorded by: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Contact: \_\_\_\_\_

Sampled by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Description: \_\_\_\_\_

Condition of sample: \_\_\_\_\_ No of containers: \_\_\_\_\_

SAMPLE SOURCE

_____ Sludge	_____ Soil	_____ Other
_____ Liquid (other than water)	_____ Water	_____ Other

**HAZARDOUS WASTE ANALYSES**

\_\_\_\_\_ Acids, volatile  
\_\_\_\_\_ Aromatics, chlorinated  
\_\_\_\_\_ Aromatics, purgeable  
\_\_\_\_\_ Asbestos, air-monitoring  
\_\_\_\_\_ Asbestos, bulk  
\_\_\_\_\_ California Waste Extraction Test  
\_\_\_\_\_ Chlorinated Hydrocarbons  
\_\_\_\_\_ Corrosivity NACE  
\_\_\_\_\_ Corrosivity pH  
\_\_\_\_\_ Cyanide  
\_\_\_\_\_ Dioxin screening  
\_\_\_\_\_ EP-TOX extraction  
\_\_\_\_\_ Ethylene Dibromide (EDB)  
\_\_\_\_\_ Extractable Chlorinated Hydrocarbons  
\_\_\_\_\_ including PCB's  
\_\_\_\_\_ Extractable Acids by GC/MS  
\_\_\_\_\_ Fuel Assessment, Total Halocarbons  
\_\_\_\_\_ (characterization, BTX, EDB)  
\_\_\_\_\_ Fuel, Total Purgeable Hydrocarbons  
\_\_\_\_\_ Fuel, (Benzene, Toluence, Xylene, BTX)  
\_\_\_\_\_ Fuel, Total Extractable Hydrocarbons  
\_\_\_\_\_ Herbicides, chlorinated  
\_\_\_\_\_ Ignitability  
\_\_\_\_\_ Pesticides  
\_\_\_\_\_ Penols  
\_\_\_\_\_ Phthalates  
\_\_\_\_\_ Polychlorinated Biphenyl (PCB)  
\_\_\_\_\_ Reactivity  
\_\_\_\_\_ Total Organic Carbon (TOC)  
\_\_\_\_\_ Total Organic Halide (TOX)  
\_\_\_\_\_ Volatile Chlorinated Hydrocarbons  
\_\_\_\_\_ Volatile Organic Compounds by GC/MS

**METALS ANALYSES**

\_\_\_\_\_ Sample digestion  
\_\_\_\_\_ Metals, each  
\_\_\_\_\_ Arsenic by Hydride  
\_\_\_\_\_ Chromate [Chromium (VI)]  
\_\_\_\_\_ Mercury  
\_\_\_\_\_ Selenium by Hydride  
\_\_\_\_\_ Organic Lead

**WATER AND SLUDGE ANALYSES**

\_\_\_\_\_ Acidity  
\_\_\_\_\_ Alkalinity  
\_\_\_\_\_ Ammonia  
\_\_\_\_\_ Biochemical Oxygen Demand  
\_\_\_\_\_ Boron  
\_\_\_\_\_ Bromide  
\_\_\_\_\_ Carbonate  
\_\_\_\_\_ Chemical Oxygen Demand  
\_\_\_\_\_ Chloride  
\_\_\_\_\_ Chlorine  
\_\_\_\_\_ Chlorine Demand  
\_\_\_\_\_ Color  
\_\_\_\_\_ Conductance  
\_\_\_\_\_ Density  
\_\_\_\_\_ Detergent Content (MEAS)  
\_\_\_\_\_ Dissolved Oxygen  
\_\_\_\_\_ Ferrous ions (Iron (II))  
\_\_\_\_\_ Fluoride by electrode  
\_\_\_\_\_ Fluoride by distillation  
\_\_\_\_\_ Hardness  
\_\_\_\_\_ Nitrate  
\_\_\_\_\_ Nitrite  
\_\_\_\_\_ Nitrogen  
\_\_\_\_\_ Oil and Grease  
\_\_\_\_\_ Organic Nitrogen  
\_\_\_\_\_ pH  
\_\_\_\_\_ Phenolics  
\_\_\_\_\_ Phosphate  
\_\_\_\_\_ Phosphate, hydrolyzable  
\_\_\_\_\_ Phosphate, organic  
\_\_\_\_\_ Phosphate, ortho  
\_\_\_\_\_ Salinity  
\_\_\_\_\_ Silica  
\_\_\_\_\_ Solids, dissolved  
\_\_\_\_\_ Solids, filterable  
\_\_\_\_\_ Solids, settleable  
\_\_\_\_\_ Solids, total  
\_\_\_\_\_ Solids, volatile  
\_\_\_\_\_ Solids, volatile suspended  
\_\_\_\_\_ Sulfate  
\_\_\_\_\_ Sulfide  
\_\_\_\_\_ Sulfur, total  
\_\_\_\_\_ Trihalomethane potential  
\_\_\_\_\_ Trihalomethanes  
\_\_\_\_\_ Turbidity

Hazardous Waste Storage-Transfer Facility

1125 HENSLEY ST. RICHMOND, CA 94804

(415) 233-8001



**ATTACHMENT L**

**SAMPLE LOG**

LAB # / US#	WASTE DESCRIPTION	DATE	TIME	GENERATOR	MANIFEST NUMBER	# of Containers Manifest	Analysis
BNE R10	CONTAMINATED SOIL & PAINT	9/24	1600	BNE YN&D	87041709	(1)	BTX
<del>BNE</del> R09	CONTAMINATED SOIL & PAINT	9/24	1530	<del>BNE</del> SIGNODE	87041709	(1)	"
R1E R08	" MATERIAL & FUEL HC	9/24	1615	R1E DEL	87403306	(1)	"
R1E R07	CONTAMINATED SOIL & FUEL HC	9/24	1545	R1E DEL	87403307	(1)	"
R1E R06	CONTAMINATED MATERIAL & HC	9/24	1530	R1E DEL	87403309	(1)	"
R1E R05	" & H-C	9/24	1345	R1E DEL	87403276	(1)	BTX
R1E R04	" & H-C	9/24	1340	R1E DEL	87403271	(1)	"
R1E R03	" & H-C	9/24	1330	R1E DEL	86113380	(1)	"
R1E R02	" & H-C	9/24	1320	R1E DEL	87403273	(1)	"
R1E R01	" & H-C	9/24	1315	R1E DEL	87403282	(1)	"
LOC 001	Solvent (Drum #1)	"	0900	Lockheed	87298077	(1)	TUC
LOC 002	" (Drum #4)	"	"	"	87298064	(1)	TUC
LOC 003	" (Drum #5)	"	"	"	87298063	(1)	TAC
LOC 004	" (Drum #6)	"	"	"	87298060	(1)	TUC
MI-001	Oil, Soil (Oil/Grease)	10/1/87	11 a.m.	AC Transit	87298060	(1)	Oil/Grease
G4K-001	Sludge from Pit (Oil/Grease)	"	"	G4K Laundry	87298060	(1)	Oil/Grease



**ATTACHMENT M**  
**DRAFT WASTE ANALYSIS PLAN (1987)**



## BAY AREA ENVIRONMENTAL

### Acceptance Procedures

The variety and complexity of materials arriving at the transfer station call for different procedures for acceptance of materials depending on their origin.

Generally, certain basic principles must be adhered to for a consistent approach to be maintained. Three main areas must be considered in developing our policies.

1. Homeowner material
  - A. Drop in - no manifest.
  - B. Municipal Collection Program - manifested.  
Use same procedures for acceptance as in facility.
2. Bay Area Environmental field work. Brought to transfer station.
  - A. Consolidation work in facility.
    1. Not part of acceptance procedures directly.
    2. Needs to be cross referenced with out bound materials.
3. Off site material brought in by third party on a manifest.
  - A. Contract work by major disposal companies.
  - B. Direct shipments from generators.

### Main Principles In Acceptance Procedures

1. The materials brought to our facility must be able to be disposed of in another facility.
2. Any load over 50 pounds must be accompanied by a manifest completely and accurately filled out.
3. Any amount of hazardous substances from a business or government agency must be accompanied by a manifest.
4. The persons signing for acceptance must take responsibility for the accurate description of the materials.
5. There must be prior arrangements made for billing purposes. If any discrepancies are found upon arrival of materials at the facility, materials will not be accepted unless authorization for additional billings are received - typically a purchase order over the phone will do.
6.
  1. No unknowns will be accepted.
  2. No leaking or open containers will be accepted.
  3. Additional descriptions other than just "Hazard Class," will be required on all manifests. These descriptions should refer to the chemical composition by chemical family group.



i.e. waste amines from blue print machine  
waste hydrocarbons from print shop  
waste oil from car repairs  
surplus paint from painting

7. If an operator in the facility does not feel qualified to make above decisions then that operator should refer the incoming materials to a Hazardous Materials Specialist or Chemist for final decision.

It is very important when accepting pesticides from Homeowners to have a chemist review the inventory.

The Landfill Ban on F001-F005 solvents has caused customers to misrepresent their waste to avoid the ban. Chemical analysis by gas chromatograph is offered as a service by our laboratories. When ever "F001-F005 or D001" is used on a manifest, analysis or verification is required.

When Bay Area Environmental personnel quote jobs for customers, Verification of the type of waste materials present, their origin and composition, shall be determined prior to delivering the quotation. If field supervisors find discrepancies while packaging materials, the customer should be notified and arrangements made for testing and price changes prior to receiving materials in the facility. Quotations can be prepared after inspecting customer operations and reviewing MSDS sheets if the salesperson is highly confident in their ability to describe the waste materials. If not, the salesperson should recommend that the customer obtain the services of our laboratory to determine the chemical classification prior to quoting on the job.

Therefore, materials arriving at the facility from BAE field work can be checked for accurate totals, unloaded, and segregated by hazard class. The determination for hazard class, chemical composition and disposal destination shall be made by sales personnel and field supervisor by using the services provided by our laboratory, or as provided by the client, prior to the arrival of materials at the facility.

Hazardous waste contractors who bring materials into the facility are responsible for the accurate description of these materials. They are also responsible for the proper packaging, markings and manifesting of these materials. Appointments shall be made 48 hours prior to arrival and confirmation of appointments is on a space available basis.

Terms and conditions must be made prior to materials arriving for storage only.

Bay Area Environmental reserves the right to dispose of any materials brought into the facility, to maintain the orderly flow of chemicals through the transfer station. Agreements shall be entered into within

90 days of acceptance of material for storage. Whereby a hazardous waste contractor agrees to accept all charges for disposal including, but not limited to, transportation charges, labor and materials to allow Bay Area Environmental to conduct it's business in a normal fashion and not be impeded by space limitations within the transfer facility. Storage contacts can be entered into at a given per day rate.

Bay Area Environmental shall be held harmless from the liability of contractor personnel working within the facility. Furthermore, Bay Area Environmental shall be held harmless and named on contractors insurance policy as additional insured to cover the liability of hazardous materials being transported from Bay Area Environmental as out bound waste to another facility. This shall apply to subcontractors that hazardous waste contractors shall employ for labor and transportation services as well.

Bay Area Environmental shall be made aware of the intended disposal facility that any particular waste stream accepted into the transfer station is designated to go to. Bay Area Environmental will not accept materials from contractors or third parties that have no designated disposal facility. If the designated disposal facility does not meet the standards of professionalism as determined by Bay Area Environmental, then Bay Area Environmental reserves the right to refuse entry of those materials into our facility and subsequent remanifestation to such facilities. Bay Area Environmental reserves the right to randomly haz cat drums arriving at a facility for accuracy. If the haz cat show the materials to be different than described, then the customer shall agree to pay for additional detail chemical analysis as required by EPA SW 846.

Waste Materials arriving in from third parties:

1. Check manifest for completeness.
2. Check shipment description for quantity on each line item and against labels for accurate totals.
3. Determine which drums go to haz cat area. A minimum of 1 drum per line item is subject to haz cat conformation and minimum charge is \_\_\_\_\_ per drum.
4. Unload truck.
5. i.e. Check solids for free liquids, pH.  
Check solvents for chlorine, i.e. flam test.  
Check lab packs list for compatible items.  
Lab pack lists need to arrive before load appointment is made.
6. Sign manifest and return to driver.
7. Place materials in proper storage area, enter coding data on drums.
8. Return paper work for data processing.
9. Note any discrepancies on mainfest. Fill out change reports.

Determine Hazard Class  
Chemical Family Process  
Generating Waste

Is analysis required

Determine which disposal  
facility material is  
destined for

If no disposal facility is  
designated - material not  
accepted

Space available basis

Make appointment for trucks  
to arrive at facility

Trucks with lab packs need  
pre-approval of inventories

Check manifest for completeness,  
count drums on truck

Check shipment description  
manifest against description  
on labels to each line item  
preferably on truck

If a large quantity arrives  
check as unloading. Unload by  
line item inventory any that  
doesn't match stay on truck

Move X number of drums to Haz  
cat area minimum 1 per line

Determined by supervisor or  
chemist performing haz cat

Load checks out sign manifest

Note any discrepancies and changes  
to be made - fill out change  
requested form call generator

Move to proper storage area



**BAY AREA  
ENVIRONMENTAL**

**Bay Area Environmental - Analytical Laboratory**

**Sample Acceptance and Log-In Procedure**

Drums that are brought to the facility are sampled according to Procedures expressed in SW-846 or ABL803 Recommendations.

1. Samples are given a specific number denoting the clients three (3) digit acronym followed by three (3) numerical entries:  
ex. BAE-001
2. The samples are then logged into the "Sample Log Book" indicating Clients Name, Drum number, Date of receipt, Manifest number or shipping paper number, sample descriptions, type of analyses required and expected completion time.
3. Confirmation test are performed immediately and take precedence over extensive analyses.
4. Fingerprint analyses using GC methods will be used to indentify unknowns and isolate compounds restricted at the various disposal sites utilized by BAE.
5. Report of analyses will be generated and presented to the appropriate entity along with Billing information.
6. Samples will be retained and properly stored for two (2) weeks after all work has been completed.



**ATTACHMENT N**  
**ADDITION TO DRAFT WASTE ANALYSIS PLAN (1987)**



**BAY AREA  
ENVIRONMENTAL**

Submitted to Jacoby  
by John Tillman

10/8/87

HLW

The parameters checked on incoming wastes/materials varies with the type and source of the waste/materials received by this facility.

The following parameters represents a basic set of analyses for waste characterization and waste stream determinations:

Analysis

Metals

Arsenic	Lead
Barium	Mercury
Cadmium	Molybdenum
Chromium	Nickel
Copper	Vanadium
Iron	Zinc

Non-Metals

Sulfides  
Nitrites  
Sulfate  
Nitrates  
Cyanide

Physical Tests

Density  
pH  
% Solids  
% H<sub>2</sub>O  
Flash Point  
Reactivity

Organic (solvents)

Polar  
Non-Polar  
Halogenated

Organics (additional)

Phenols  
PCB's  
Cresol  
F-Series Compounds  
Other



It is our practice to conduct predisposal analyses on each batch of drums coming into the facility.

If a batch contains more than twenty drums, an analysis is conducted on each set of twenty (20) drums.

Analyses are conducted on each waste stream and when discrepancies exist in the clients profile, analytical report, or field analysis data.

The Technical Director approves all analyses, signs and approves all analyses and evaluations of waste coming in and out of the facility.





**ATTACHMENT O**  
**MONTHLY REPORTS TO DHS**



BAY AREA  
ENVIRONMENTAL

September 14, 1987

Mr. Dan Murphy  
Department of Health Services  
Toxic Substance Control Division  
2151 Berkeley Way  
Berkeley, CA 94704

Dear Sir:

I have enclosed Bay Area Environmental's monthly report, which covers the period of August 1, 1987 to August 31, 1987.

Sincerely,

David Burton  
Facility Manager

DB/an

Enclosures:

Monthly Report  
Summary Sheets  
Manifests  
12 Homeowners Receipts

BAY AREA ENVIRONMENTAL  
RICHMOND, CALIFORNIA

MONTHLY REPORT

Number of Drums Received at the Station 135 drums

Number of Drums Shipped to Class 1 Site 178 drums

Drums at the Station:

	<u>Size</u>	<u>Quantity</u>
Acid		
Alkaline Solution		
Pesticides		
Paint Sludge		
Solvents		
Oil		
Others		

No. of California Hazardous Waste Manifest Attached: \_\_\_\_\_

No. of Receiving Forms Attached: \_\_\_\_\_

DATE 9-16-87

David Burton  
Signature

Incoming:

Oil - 11 drums  
Flammable - 29 x 55-gallon/ 47 5-gallon 47.5 gal  
Poison - 2 x 55-gallon/ 10 gallon/ 1 lb.  
ORM-E - 71 drums (includes 16 paint related materials)  
Oxidizer - 50 lbs.  
ORM-C - 50 lbs.  
ORM-A - 7 drums/4 gallons  
Corrosive - 15 drums/50 gallons

Outgoing:

ORM-E - 68 drums/ 475 bulk  
Flammable - 27 drums  
ORM-A - 5 drums  
ORM-C - 1 yd.  
Oil - 1500 bulk (gn)  
Poison - 1 drum  
Corrosive - 77 drums

BAY AREA ENVIRONMENTALRichmond, CaliforniaSUMMARY SHEET OF WASTE RECEIVED (from Homeowners)

Receipt #	Date	Name & Address	Type of Waste	Volume	Notes
	August	various	Flammable	47 x 5-gal	
			Poison	2 gallons	creosote
				½ lb.	sodium flouride
			ORM-C	2 x 5 cu.yds.	asbestos

Richmond, California

SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
5910	8-18-87	Alameda Naval Air Station c/o DRMO Bldg. 6 2155 Mariner Square Loop Alameda, CA 94501	Flammable Poison ORM-E	1 x 55-gal 1 x 55-gal 2 x 55-gal	full aerosols copper cyanide soln empty aerosols
7403309	8-25-87	Dept. of Transportation P.O. Box 587 Petaluma, CA 94952	ORM-E	2 x 55-gal	diesel soaked soil/sorbent material
7403300	8-18-87	Dividend Development Co. c/o Garo Falo & Fortune 456 Montgomery San Francisco, CA 94104	ORM-E	2 x 55-gal	oil soaked sorbents
41675	8-19-87	Mt. Diablo Hospital 2540 E. Street Concord, CA 94520	ORM-A	5 x 55-gal	biological specimens in formaldehyde
98021	8-26-87	Lockheed Missiles & Space Co. 1111 Lockheed Way, B/131 O/4730 Sunnyvale, CA 94088-3504	Flammable	7 x 55-gal	see attached lists
37041668	8-3-87	Ion Systems Inc. 2541 10th Street Berkeley, CA 94710	Flammable	1 x 5-gal	MEK
37017566	8-27-87	Contra Costa Co. Health Dept. 1111 Ward Street Martinez, CA 94553	Combustible	3 x 55-gal	oil saturated absorbents
37017550	8-11-87	Dresser Rand 3673 Mallard Drive Benicia, CA 94510	Corrosive Flammable Flammable Corrosive	5 x 55-gal 7 x 55-gal 5 x 55-gal 1 x 55-gal	see attached list
87041682	8-25-87	Kraftile Co. 800 Kraftile Road Fremont, CA 94536	ORM-E Corrosive Flammable	9 x 55-gal 1 x 55-gal 1 x 55-gal	grease & oil oakite FM 186 paint lab-pack
87090530	8-3-87	State of Calif. - DOHS P Street Sacramento, CA 95814	ORM-E Flammable ORM-A Corrosive	1 x 55-gal 1 x 55-gal 1 x 55-gal 1 x 55-gal	see attached sheets
87041665	8-6-87	Wesco Labs 14 Galli Drive Novato, CA 94949	Flammable Corrosive ORM-A	1 x 55-gal 3 x 55-gal 2 x 5-gal	mixed organic solvents waste acid waste formaldehyde
orm 2	8/83				

Richmond, California

SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
7 1689	8-28-87	Catheys Body Shop 1082 13th St. Richmond, CA 94801	Flammable	1 x 5-gal	waste paint thinner
7 1674	8-18-87	Xoma Corp. 2910 7th St. Berkeley, CA 94710	Flammable	5 x 5-gal.	solvent waste from lab
7041673	8-18-87	Xoma Corp. 2910 7th St. Berkeley, CA 94710	Flammable	2 x 2-gal	solvent from lab
7041671	8-14-87	C.C.C. Sheriff's Dept. 1122 Escobar ST. Martinez, CA 94553	Corrosive Corrosive Flammable Poison	1 x 9-gal 1 x 2-gal 1 x 8-gal 1 x 5-gal	Clandestine dry lab waste
37335	8-26-87	C.C.C. Health Dept. 1111 Ward St. Martinez, CA 94553	Flammable	4 x 55-gal	oily waste/water absorbed onto p
37088123	8-26-87	Lockheed Missiles 1111 Lockheed Way Sunnyvale, CA 94088-3504	Poison	1 x 55-gal	waste cyanide mixture
37177426	8-25-87	East Bay MUD P.O. Box 24055 Oakland, CA	Corrosive Oxidizer Flammable	5 x 55-gal 2 x 50 lbs. 1 55-gal	waste solution sodium hydroxide waste oxidizer
7041678	8-21-87	Kraftile Co. 800 Kraftile Rd. Fremont, CA 94536	Combustible	10 x 55-gal	waste petroleum oils
7041683	8-25-87	Sea-Tel Corp. 837 Arnold Dr. Martinez, CA 94553	Poison	1 x 5-gal	butycellusolve diluted with water and hydraulic oil
7087378	8-20-87	Alyeska Pipeline Service 1835 S. Bragaw St. Anchorage, AK 99512	Corrosive	3 x 11½-gal	waste battery fluid
87087377	8-20-87	Alyeska Pipeline Service 5317 Minnesota Dr. Anchorage, AK 99502	Flammable ORM-E Flammable	2 x 55-gal 6 x 55-gal 1 x 55-gal	analysis attached analysis attached analysis attached
Form 2	8/83				

Richmond, CaliforniaSUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
7 1661	8-4-87	ABC Services Inc. 31845 Hayman Street Hayward, CA 94544	ORM-E	2 x 55-gal	ducting wrapped in asbestos
7 17210	8-7-87	Dept. of Transportation 3333 California St. San Francisco, CA 94120-4331	Flammable	22 x 55-gal	gear oil
7403287	8-12-87	Caltrans P.O. Box 337 San Lorenzo, CA 94580	Combustible ORM-E	2 x 55-gal 2 x 55-gal	waste fuel oil diesel soaked absorbents and solid materials
7041667	8-7-87	North Face 1011 Gillman Street Berkeley, CA 94710	Flammable	6 x 55-gal	sewing machine oil, seam sealer
37741660	8-12-87	BART - Hayward Facility 150 Sandoval Way Hayward, CA 94544	ORM-E	23 x 55-gal	rags soaked in grease
3 41669	8-12-87	Ion Systems Inc. 2541 10th St. Berkeley, CA 94710	Flammable	1 x 5-gal	MEK
3, 41663	8-9-87	BARD Cardio Surgery 2400 A Bisso Lane Concord, CA 94569	ORM-E ORM-E	1 x 55-gal 8 x 55-gal	freon waste/waste oil hardened resin waste
87041666	8-6-87	Berkeley Nucleonics Corp. 1121 Regatta Sq. Richmond, CA 94804	Flammable	1 x 5-gal	waste chlorinated cleaning solvent
87179455	8-7-87	UNOCAL 2175 N. Calif. Blvd. #650 Walnut Creek, CA 94596	Flammable	2 x 55-gal	gasoline tainted charcoal
8 087124	8-3-87	Sonoma Police Dept. 175 First St. West Sonoma, CA 94578	Flammable Corrosive Poison	1 x 55-gal 1 x 3-gal 1 x 1lb.	toluene acetic anhydride/hydrochloric a mercuric chloride
8 353667	8-5-87	DVINC 595 Penobscot Dr. Redwood City, CA 94063	Flammable ORM-A	1 x 2-gal 2 x 3-gal	MEK freon
8-26-87	8-26-87	Ion Systems Inc. 2541 10th St. Berkeley, CA 94710	Flammable	1 x 5-gal	MEK





BAY AREA  
ENVIRONMENTAL

August 24, 1987

Mr. Dan Murphy  
Department of Health Services  
Toxic Substance Control Division  
2151 Berkeley Way  
Berkeley, CA 94704

Dear Sir:

I have enclosed Bay Area Environmental's monthly report, which covers the period of July 1, 1987 to July 31, 1987.

Sincerely,

A handwritten signature in cursive script that reads "David Burton".

David Burton  
Facility Manager

DB/an

Enclosures:

Monthly Report  
Summary Sheets  
52 Manifests  
13 Homeowner Receipts

BAY AREA ENVIRONMENTAL  
RICHMOND, CALIFORNIA

MONTHLY REPORT

Number of Drums Received at the Station 428

Number of Drums Shipped to Class 1 Site 17 Manifest see below

Drums at the Station:

		<u>Size</u>	<u>Quantity</u>
Corrosive	Acid	73	73
	Alkaline Solution		
Poison	<del>XXXXXXXXXX</del>	33	
Combustible	<del>XXXXXXXXXX</del>	6	
Flammable	<del>XXXXXXXXXX</del>	195	
ORM-E	<del>XXX</del>	115	
ORM-A	<del>XXXXXX</del>	6	

No. of California Hazardous Waste Manifest Attached: 52

No. of Receiving Forms Attached: 13

DATE 8-20-87

  
Signature

Outgoing Drums

116 yds. soil & crushed drums - ORM-E  
Poison 1 drum, 2,325 gallons bulk  
Flammable 96 drums, 3,320 gallons bulk  
ORM-E 155 drums  
ORM-A 5 drums

\* - 9 manifest omitted from June Report

Richmond, California

SUMMARY SHEET OF WASTE RECEIVED

4171  
Omitted From  
Surre Report

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
7 38030	✓ 6-9-87	PG & E 2111 Hillcrest Avenue Antioch, CA	ORM-E	2 x 55-gallon	SP771 residue / clean up PCB transformer oil 9 PPM <u>PCB</u>
7088063	✓ 6-12-87	J. B. Genroy 374 Jackson Street Hayward, CA 94544	ORM-E	2 x 55-gallon	PCB light ballast
30179	✓ 6-15-87	Tosco Corporation Avon Refinery Martinez, CA 94553	ORM-E	2,150 lbs. 43 d	empty containers
36030178	✓ 6-15-87	Tosco Corporation Avon Refinery Martinez, CA 94553	ORM-E	14,550 lbs.	empty containers
3 105744	✓ 6-18-87	Environmental Protection 2155 Mariner Sq. Loop, Bldg. 6 c/o DRMO Code OL-1 Alameda, CA 94501	ORM-E Flammable	23 x 55-gallon 1 x 55-gallon	empty drums last contained oil Aerosols <sup>1150 lbs</sup>
87005728	✓ 6-18-87	Environmental Protection Naval Air Station Lot 360 Alameda, CA 94501	Flammable Corrosive Poison Poison	1 x 55-gallon 7 x 55-gallon 1 x 55-gallon 3 x 55-gallon	aerosols with paint mixed acids beryllium waste beryllium waste
87005743	✓ 6-18-87	Mare Island Naval Shipyard 2155 Mariner Sq. Loop Bldg. 6 Alameda, CA 94501	Flammable Corrosive Corrosive ORM-E	4 x 55-gallon 10 x 55-gallon 2 x 55-gallon 45 x 55-gallon	lab packing lab packing lab packing empty drums <sup>4000 lbs</sup>
1 005731	✓ 6-18-87	Environmental Protection Naval Air Station, Lot 360 Alameda, CA 94501	Flammable ORM-A ORM-E	2 x 55-gallon 1 x 55-gallon 1 x 55-gallon	aerosols lab packing empty aerosols
87041608	✓ 6-30-87	Solano County Corp. Yard 3255 North Texas Street Fairfield, CA	ORM-E Combustible	10 x 55-gallon 2 x 55-gallon	waste oil & safety paint waste oil
orm 2	8/83				

BAY AREA ENVIRONMENTAL

Richmond, California

SUMMARY SHEET OF WASTE RECEIVED

Receipt #	Date	Name & Address	Type of Waste	Volume	Notes
041625	✓ 7-1-87	East Bay MUD 5601 Oakport Avenue Oakland, CA 94623	Flammable ORM-A	8 x 55-gallon 1 x 55-gallon	waste solvent chlorinated solvent
3262	✓ 7-1-87	California State Prison-Folsom P.O. Box W Repressa, CA 95671	Poison	1 x 55-gallon	cyanide solution
041621	✓ 7-1-87	Mt. Diablo Hospital 2540 East Street Concord, CA 94520	Poison	3 x 55-gal	biologicals specimens in formaldehyde
717289	✓ 7-2-87	Sonoma County Sheriff's Office 600 Administrative Drive Santa Rosa, CA 94501	ORM-A	2 x 55-gal <i>1 gal</i>	waste carbontetrachloride <i>per 2nd 55 gal Drum</i>
5260605	✓ 7-2-87	California Oil Recyclers 977 A Beansien San Carlos, CA 94070	ORM-E	39 x 55-gall	empty containers previously oil <i>7950 lbs</i>
711627	✓ 7-6-87	East Bay MUD 5601 Oakport Avenue Oakland, CA	ORM-E	1 x 55-gallon	waste paint solids, rain water
07041629	✓ 7-7-87	Pharmex Ltd. 1499 67th Street Emeryville, CA	Flammable	1 x 55-gallon	isobutyl nitrite
505736	✓ 7-13-87	Environmental Protection C/o DRMD, Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	Corrosive	18 x 55-gallon	waste mixed acids
337324	✓ 7-9-87	Contra Costa County/ DOHS Environmental Health Division 1111 Ward Street Martinez, CA 94553	Corrosive	1 x 55-gallon	

## SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
3/ 05738	✓ 7-13-87	Environmental Protection c/o DRMD Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	Flammable Corrosive ORM-E Flammable	2 x 55-gallons 1 x 55-gallon 6 x 55-gallons 1 x 55-gallon	waste paint descaler 15% HF empty crushed drums — 700 lbs aerosols paint cans
3/ 05806	✓ 7-13-87	Environmental Protection c/o DRMD Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	ORM-E	176 x 55-gal	empty drums last contained oils 8 800 lbs
3/ 041628	✓ 7-7-87	Ion Systems 2546 10th Street Berkeley, CA 94704	Flammable	1 x 5-gallons	Waste MEK
8/ 088097	✓ 7-8-87	I.T. Corp Transfer Facility 3010 Zanker Road San Jose, CA 95131	ORM-E	3 x 55-gallon	decontamination of tankers
8/ 307617	✓ 7-8-87	Jaya Painting Company 401 Alice Street Oakland, CA 94607	Flammable	6 x 55-gallon	kerosene & oil
8/ 041630	✓ 7-8-87	Lloyd Cannon Trucking P.O. Box 2556 Fresno, CA 93745	ORM-E	5 x 55-gallon	diesel contaminated soil
'041632	✓ 7-9-87	Tosco Corporation Avon Refinery Martinez, CA 94553	Flammable	7 x 55-gallon	waste polymers
87293801	✓ 7-10-87	Foster City - D.O.T. 380 Foster City Blvd. Foster City, CA 94404	<sup>ORM-E</sup> Flammable	1 x 55-gallon	residual liquid/sludge pH 7
7041635	✓ 7-10-87	G.T. Environmental 4080 Pike Lane Concord, CA 94520	ORM-E	6 x 55-gallon	soils contaminated with pesticides should rec Diesel

## BAY AREA ENVIRONMENTAL

Richmond, California

## SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
7041637	✓ 7-14-87	Mt. Diablo Hospital 2540 East Street Concord, CA 94520	Flammable	1 x 55-gal	waste xylene
7 5864 <u>7005861</u>	✓ 7-20-87	Environmental Protection c/o DRMD Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	ORM-E Flammable	74 x 55-gal 1 x 55-gal	empty drums → 3700 aerosols
7 41640	✓ 7-16-87	California Color 1221 California Avenue Pittsburg, CA 94565	Flammable ORM-E	14 x 55-gal 11 x 55-gal	waste blanket wash solvent ink solids
6417071	✓ 7-17-87	Lockheed Missiles & Space Co. 1111 Lockheed Way B/142 O-47-10 Sunnyvale, CA 94088-3504	Combustible ORM-E	3 x 55-gal 14 x 55-gal	
17072	✓ 7-17-87	Lockheed Missiles & Space Co. 1111 Lockheed Way B/142 O-47-10 Sunnyvale, CA 94088-3504	Combustible	1 x 55-gal	
37088109	✓ 7-17-87	CALTRANS P.O. Box 7310 Rincon Avenue San Francisco, CA 94120	Poison	1 x 55-gal	lab packing
3 41644	✓ 7-18-87	City of Cupertino 10300 Torre Avenue Cupertino, CA 95014	ORM-A Flammable Corrosive	1 x 55-gal 2 x 55-gal 3 x 55-gal	
37041641	✓ 7-20-87	City of Cupertino 10300 Torre Avenue Cupertino, CA 95014	Flammable Poison Corrosive ORM-E	64 x 55-gal 8 x 55-gal 2 x 55-gal 3 x 55-gal	54 paint, 10 flammable products acid lab pack, 1 oxidizer
87041642	✓ 7-20-87	City of Cupertino 10300 Torre Avenue Cupertino, CA 95014	ORM-E Flammable Poison Corrosive	4 x 55-gal 19 x 55-gal 5 x 55-gal 3 x 55-gal	3 ORM-E, 1 ORM-A 14 paint/4 flammable liq/1 aer 4 Poison/ 1 ORM-A 2 Corrosive/ 1 acid
Form 2 8/83					

## BAY AREA ENVIRONMENTAL

Richmond, California

## SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
03862	✓ 7-20-87	DRMO 2155 Mariner Sq. Loop bldg. 6 Alameda, CA 94501	Corrosive ORM-E	16 x 55-gal 53 x 55-gal	lab pack acids empty drums/contaminated drels/ot 5150 lb
05870	✓ 7-20-87	Environmental Protection c/o DRMO Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	Corrosive ORM-E	1 x 55-gal 19 x 55-gal	acids solutions
041647	✓ 7-20-87	Ion Systems 2546 10th Street Berkeley, CA 94704	Flammable	1 x 55-gal <i>(5 gal)</i>	waste MEK
01651	✓ 7-22-87	Xoma Corporation 2910 7th Street Berkeley, CA 94710	Flammable	<del>6 x 55-gal</del> 2 x 55-gal <i>6 gal</i>	6 x 1 gal waste solvents
7137327	✓ 7-24-87	Contra Costa Co. Health Ser. 3700 Alhambra Avenue Martinez, CA 94553	ORM-E	6 x 55-gal	soil contaminated with diesel fuel
711646	✓ 7-28-87	Alameda County Blood Bank 6230 Claremont Avenue Oakland, CA 94618	<del>Flammable</del> Corrosive	4 x 55-gal	waste lithium bromide
041655	✓ 7-28-87	Washington Hospital 2000 Mowray Avenue Fremont, CA 94538	Flammable	4 x 55-gal	waste xylene/ paint thinner
041656	✓ 7-29-87	Sunflex Corporation 20 Pimental Court Novato, CA 94947	<del>7-29-87</del> ORM-E	5 x 55-gal	water/surfactants stablized w/c
041657	✓ 7-30-87	Women's Sports & Fitness 501 2nd Street, Suite 400 San Francisco, CA	Corrosive	3 x 55-gal	waste photo chemicals

## BAY AREA ENVIRONMENTAL

Richmond, California

## SUMMARY SHEET OF WASTE RECEIVED

Receipt No.	Date	Name & Address	Type of Waste	Volume	Notes
7041658	✓ 7-30-87	Peerless Lighting Corp. 747 Bancroft Way Berkeley, CA 94710	Flammable ORM-E	7 x 55-gal 6 x 55-gal	4 thinner/ 3 waste paint paint filters stablized w/absorb
7 38114	✓ 7-31-87	I.T. Corp Transfer Facility 3010 Zanker Road San Jose, CA 95134	ORM-E	1 55-gallon	<sup>chloride</sup> mixture of barium caloride; ammonium carbonate, cobalt chlor ammonium acetate, ammonium chlor ammonium sulfate, lead acetate, ammonium phosphate
3 38116	✓ 7-31-87	Stanford University Old Pavillion Stanford, CA 94305	ORM-E	2 x 55-gal	soils/sands with trace inorganic
37088117	✓ 7-31-87	So. Lake Tahoe Utility Dist. 1275 Meadow Crest Drive So. Lake Tahoe, CA 95705	ORM-E	1 x 55-gal	antimony sulfide, trisulfide
3 88115	✓ 7-31-87	I.T. Corp. Transfer Facility 3010 Zanker Road San Jose, CA 95134	Poison	1 x 55-gal	lab pack
3 05860	7-20-87	DRMO Bldg. #6 2155 Mariner Square Loop Alameda, CA 94501	ORM-E ORM-E	12 x 55-gal 141 x 55-gal	Contaminated cardboard Empty crushed containers
37041643	7-20-87	City of Cupertino 10300 Torre Avenue Cupertino, CA	Flammable Poison	40 x 55-gal 11 x 55-gal	35 paint lab packs, 5 flammable Poison liquid & pesticides





**ATTACHMENT P**  
**RENTAL STORAGE ACCOUNTING SYSTEM**

IN	GENERATOR	BR NAME CHEMICAL CONSTITUENT	Job Number	INCOMING Manifest	OUTGOING Manifest	NO. OF DR	S	DATE	WASTE DRAG	BYING	RTILED	PER DAY
Mar-87	D.R.M.O.	WASTE FLAMMABLE GAS		84779969	87005958	1	NW-ES	01-Sep-87	181	180	1	2.0
Mar-87	O. N. S.	WASTE COMPRESSED GAS FLAM		86354463	87005958	2	NW-ES	01-Sep-87	155	154	1	2.0
Mar-87	N. A. S.	WASTE FLAMMABLE LIQUID NOS		86354468		1			201	171	30	2.0
Mar-87	O. N. S.	WASTE COMBUSTIBLE LIQUID O/P		86354475		1			194	164	30	2.0
Mar-87	O. N. S.	WASTE ORME LIQUID		86354475		1			194	164	30	2.0
Mar-87	D.R.M.O.	COMBUSTIBLE LIQUID N.O.S.		86354497		1			210	180	30	2.0
Mar-87	D.R.M.O.	WASTE ORMA LIQUID		86354500		1			208	178	30	2.0
Mar-87	D.R.M.O.	WASTE ORMB LIQUID		86354500		3			208	178	30	2.0
Mar-87	D.R.M.O.	WASTE COMPRESSED GAS		86354500	87005958	1	NW-ES	01-Sep-87	179	178	1	2.0
Apr-87	CGA	WASTE CORROSIVE LIQUID N.O.S.		86354529		3			170	140	30	2.0
Apr-87	N. A. S.	WASTE "POISON B" LIQUID		87005605		1			166	136	30	2.0
May-87	D.R.M.O.	HAZARDOUS WASTE LIQUID N.O.S.		87005676		4			138	108	30	2.0
May-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.		87005687		1			138	108	30	2.0
Jun-87	N.A.S.	WASTE "POISON B" LIQUID NOS	D.O.0051	87005728		1			104	74	30	2.0
Jun-87	N.A.S.	WASTE CORROSIVE LIQUID N.O.S.	D.O.0051	87005728		2			104	74	30	2.0
Jun-87	N.A.S.	WASTE COMPRESSED GAS NOS	D.O.0051	87005728	87005958	6	NW-ES	01-Sep-87	75	74	1	2.0
Jun-87	N.A.S.	HAZARDOUS WASTE SOLID N.O.S.	D.O.0051	87005728	87005959	7	ESI	01-Sep-87	75	74	1	2.0
Jun-87	N.A.S.	WASTE "POISON B" SOLID NOS	D.O.0051	87005728	87005959	3	ESI	01-Sep-87	75	74	1	2.0
Jun-87	N.A.S.	WASTE COMPRESSED GAS NOS	D.O.0061	87005731	87005958	2	NW-ES	01-Sep-87	75	74	1	2.0
Jun-87	N.A.S.	HAZARDOUS WASTE SOLID N.O.S.	D.O.0061	87005731	87005959	1	ESI	01-Sep-87	75	74	1	2.0
Jul-87	D.R.M.O.	WASTE COMPRESSED GAS NOS		87005738	87005958	1	NW-ES	01-Sep-87	50	49	1	2.0
Jun-87	D.R.M.O.	WASTE COMPRESSED GAS	D.O.0063	87005744	87005958	1	NW-ES	01-Sep-87	75	74	1	2.0
Jun-87	N.A.S. 360	WASTE "POISON B" LIQUID		87005749	87005934	16	USPCI	08-Sep-87	95	87	8	2.0
Jun-87	N.A.S. 360	WASTE "POISON B" SOLID		87005749	87005934	2	USPCI	08-Sep-87	95	87	8	2.0
Jul-87	D.R.M.O.	WASTE COMPRESSED GAS	D.O.0078	87005861	87005958	1	NW-ES	01-Sep-87	43	42	1	2.0
Aug-87	D.R.M.O.	WASTE "POISON B" LIQUID	D.O.9194	87005910		1			43	13	30	2.0
Aug-87	D.R.M.O.	WASTE COMPRESSED GAS	D.O.9194	87005910	87005958	1	NW-ES	01-Sep-87	14	13	1	2.0
Aug-87	D.R.M.O.	HAZARDOUS WASTE SOLID N.O.S.	D.O.9194	87005910	87005959	2	ESI	01-Sep-87	14	13	1	2.0
Sep-87	D.R.M.O.	WASTE OXIDIZER NOS	D.O.0110	87005942		1			6	0	6	2.0
Sep-87	D.R.M.O.	WASTE COMPRESSED GAS	D.O.0110	87005942		3			6	0	6	2.0

INVENTORY AS OF 30-Sep-87

72

=====

INVENTORY AS OF SO FAR

21

@MAX =

16

210

180

30

@MIN =

1

6

0

1

4-Aug-87		BAY AREA ENVIRONMENTAL - TRANSFER STATION				BILLING DATES: 16-Jul-87 31-Jul-87		TOTAL		C
DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	DAYS PREV BILLED
2-Dec-86	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392		15			231	216
2-Dec-86	McCLELLAN	WASTE OIL	140001	84905393		7			231	216
2-Dec-86	McCLELLAN	WASTE AMMONIUMHYDROXIDE	140001	84905393		1			231	216
2-Dec-86	McCLELLAN	WASTE SODIUM NITRATE	140001	84905393		1			231	216
4-Nov-86	SACRAMENTO ARMY DEPO	PHOSPHORIC ACID	140001	84905403		1			259	244
3-Mar-87	CAL-TRANS DIST. #10 O.P.	WASTE CORROSIVE LIQUID N.O.S.	140409	86233032		1			130	115
7-Apr-87	MARIN COUNTY SHERIFF	HAZARDOUS WASTE SOLID NOS ORME	140451	86243061		4			105	90
2-May-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150104	86417001	87041645	2	IT-MTZ	23-Jul-87	72	65
2-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417004	87041645	1	IT-MTZ	23-Jul-87	72	65
2-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417005	87041645	3	IT-MTZ	23-Jul-87	72	65
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417021	87041645	1	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID COR	?	86417022	87041645	2	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	?	86417023	87041645	1	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE ALK. CORROSIVE LIQUID NOS	?	86417023	87041645	1	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE MEK	?	86417023	87041645	1	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417024	87041645	1	IT-MTZ	23-Jul-87	63	56
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417033	87041645	1	IT-MTZ	23-Jul-87	63	56
5-Jun-87	LOCKHEED MISSILES & SPACE	WASTE COMBUSTIBLE LIQUID NOS	150140	86417048	87041645	6	IT-MTZ	23-Jul-87	48	41
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150140	86417051	87041645	5	IT-MTZ	23-Jul-87	48	41
7-Jul-87	LOCKHEED MISSILES & SPACE	WASTE PAINT COMBUST. LIQ.	150104	86417071	87041645	3	IT-MTZ	23-Jul-87	6	0
7-Jul-87	LOCKHEED MISSILES & SPACE	HAZ. WASTE LIQUID NOS ORME	150104	86417071	87041645	14	IT-MTZ	23-Jul-87	6	0
7-Jul-87	LOCKHEED MISSILES & SPACE	WASTE COMB. LIQUID NOS	150104	86417072	87041645	1	IT-MTZ	23-Jul-87	6	0
7-Nov-86	NAS DRMO - ALAMEDA	TWO DRUMS OVERPACK	140001	86490553		4			266	251
9-Feb-87	IT CORP. MARTINEZ	WASTE PAINT RELATED MATERIALS	A2221	86490608		1			162	147
19-Apr-87	ATLANTIC PACIFIC	WASTE POISON B SOLID N.O.S.	140382	86490620		1			113	98
19-Apr-87	ATLANTIC PACIFIC	WASTE H2O2 UN2014	140382	86490620		2			113	98
19-Apr-87	ATLANTIC PACIFIC	HAZARDOUS WASTE SOLID	140382	86490620		9			113	98
19-Apr-87	ATLANTIC PACIFIC	WASTE CORROSIVE SOLID N.O.S.	140382	86490620		3			113	98
16-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE FLAM. LIQUID UN1993	140244	86500011		2			175	160
16-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE CORROSIVE SOLID N.O.S.	140244	86500011		1			175	160
11-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227		6			232	217
31-Dec-86	DEPT. OF HEALTH SER.	WASTE FLAMMABLE LIQUID	?	86500345		2			212	197
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE SOLID	?	86502280		2			179	164
24-May-87	D O H S S A M CO.	WASTE FLAM. LIQUID NOS	140450	86502346		2			68	53
04-May-87	(SEE MANIFEST 86502287)	HAZARDOUS WASTE SOLID	140290	86502369		1			88	73
13-Mar-87	CA. DEPT. OF HEALTH SERV.	WASTE POISON B LIQUID N.O.S.	140392	86503551		1			140	125
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE LIQUID NOS	?	87048309		1			100	85
22-Apr-87	NORTH AMERICAN ENVIRONMENT	SODIUM ARSENITE LIQUID	?	87048309		1			100	85
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORME	?	87048309		1			100	85
08-May-87	PORT OF STOCKTON	WASTE FLAM. LIQUID NOS	140494	87087050		2			84	69
08-May-87	PORT OF STOCKTON	WASTE COMBUSTIBLE LIQUID NOS	140494	87087050		1			84	69
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH2	?	87087102		1			52	37
19-Jun-87	SONOMA CO. SHERIFF	WASTE FLAM. LIQUID NOS	?	87087102		1			52	37
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH14	?	87087102		1			52	37
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI POISON LIQUID	?	87087102		1			52	37
19-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87088030		2			52	37
7-Jul-87	CALTRANS	WASTE POISON B LIQUID	150223	87088109	87041650	1	CASH	22-Jul-87	5	0
1-Jul-87	IT CORP. COLL. TRANF. FACIL.	HAZARDOUS WASTE SOLID NOS	150131	87088115		1			1	0
1-Jul-87	IT CORP. COLL. TRANF. FACIL.	WASTE POISON B SOLID	140310	87088115		1			1	0
1-Jul-87	STANFORD UNIVERSITY	HAZARDOUS WASTE SOLID NOS	150226	87088116		2			1	0
1-Jul-87	SO. LAKE TAHOE UTIL. DIST.	HAZARDOUS WASTE SOLID NOS	150131	87088117		1			1	0
19-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87090503		10			52	37
0-Jul-87	DOTS FOSTER CITY	HAZARDOUS WASTE SOLID NOS	?	87293801		1			21	6

4-Aug-87		BAY AREA ENVIRONMENTAL - TRANSFER STATION				BILLING DATES:		23-Jun-87	15-Jul-87	TOTAL	
DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	DAYS PREV BILLED	C
3-Mar-87	SAN MATEO COUNTY E.H.	ACID LIQUID NOS	140410	86233069	86490644	1		01-Apr-87	9	114	
3-Mar-87	SAN MATEO COUNTY E.H.	WASTE FLAMMABLE LIQUID	140410	86233069	86490644	1		01-Apr-87	9	114	
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150140	86417048	N/A	3		N/A	0	40	
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 512	150140	86417048	N/A	4		N/A	0	40	
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150104	86417053	N/A	2		N/A	0	40	
16-May-87	BEST FOODS	WASTE ISOCTANE	?	86083984		1			0	70	
16-May-87	BEST FOODS	HAZARDOUS WASTE LIQUID ORN-A	?	86083984		1			0	70	
19-Apr-87	D.R.M.O. FORT ORD	WASTE FLAMMABLE LIQUID NOS	140228	86490627	86490647	20		28-Apr-87	19	97	
12-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE LIQUID	?	86502280	AR110441	3		24-Apr-87	81	163	
7-Feb-87	SUTTER CO. C/O DOHS	WASTE FLAM. LIQUID UN1993	140290	86502287	AR110442	4		24-Apr-87	66	148	

BAY AREA ENVIRONMENTAL - TRANSFER STATION										
BILLING DATES: 25-Jun-87 15-Jul-87										
DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	TOTAL DAYS PREV BILLED
2-Dec-86	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392		15			215	193
2-Dec-86	McCLELLAN	WASTE AMMONIUMHYDROXIDE	140001	84905393		1			215	193
2-Dec-86	McCLELLAN	WASTE SODIUM NITRATE	140001	84905393		1			215	193
2-Dec-86	McCLELLAN	WASTE OIL	140001	84905393		7			215	193
4-Nov-86	SACRAMENTO ARMY DEPO	PHOSPHORIC ACID	140001	84905403		1			243	221
5-May-87	BEST FOODS	WASTE ISOOCTANE	?	86083984		1			70	46
5-May-87	BEST FOODS	HAZARDOUS WASTE LIQUID ORN-A	?	86083984		1			70	46
3-Mar-87	CAL-TRANS DIST. #10 O.P.	WASTE CORROSIVE LIQUID N.O.S.	140409	86233032		1			114	92
3-Mar-87	SAN MATEO COUNTY E.H.	ACID LIQUID NOS	140410	86233069		1			114	92
3-Mar-87	SAN MATEO COUNTY E.H.	WASTE FLAMMABLE LIQUID	140410	86233069		1			114	92
1-Apr-87	MARIN COUNTY SHERIFF	HAZARDOUS WASTE SOLID NOS ORMEI	140451	86243061		4			89	67
2-May-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150104	86417001		2			64	42
2-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417004		1			64	42
2-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417005		3			64	42
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417021		1			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID COR	?	86417022		2			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	?	86417023		1			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE ALK. CORROSIVE LIQUID NOS	?	86417023		1			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE MEK	?	86417023		1			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417024		1			55	33
1-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417033		1			55	33
5-Jun-87	LOCKHEED MISSILES & SPACE	WASTE COMBUSTIBLE LIQUID NOS	150140	86417048		6			40	18
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150140	86417049		3			40	18
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 512	150140	86417048		4			40	18
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150140	86417051		5			40	18
5-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150140	86417053		2			40	18
7-Nov-86	NAS DRMO - ALAMEDA	TWO DRUMS OVERPACK	140001	86490553		4			250	228
9-Feb-87	IT CORP. MARTINEZ	WASTE PAINT RELATED MATERIALS	A2221	86490608		1			146	124
9-Apr-87	ATLANTIC PACIFIC	HAZARDOUS WASTE SOLID	140382	86490620		9			97	75
9-Apr-87	ATLANTIC PACIFIC	WASTE CORROSIVE SOLID N.O.S.	140382	86490620		3			97	75
9-Apr-87	ATLANTIC PACIFIC	WASTE POISON B SOLID N.O.S.	140382	86490620		1			97	75
9-Apr-87	ATLANTIC PACIFIC	WASTE H202 UN2014	140382	86490620		2			97	75
9-Apr-87	D.R.M.O. FORT ORD	WASTE FLAMMABLE LIQUID NOS	140228	86490627		20			97	75
6-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE CORROSIVE SOLID N.O.S.	140244	86500011		1			159	137
6-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE FLAM. LIQUID UN1993	140244	86500011		2			159	137
1-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227		6			216	194
1-Dec-86	DEPT. OF HEALTH SER.	WASTE FLAMMABLE LIQUID	?	86500345		2			196	174
2-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE LIQUID	?	86502280		3			163	141
2-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE SOLID	?	86502280		2			163	141
7-Feb-87	SUTTER CO. C/O DOHS	WASTE FLAM. LIQUID UN1993	140290	86502287		4			148	126
4-May-87	D O H S S A M CO.	WASTE FLAM. LIQUID NOS	140450	86502346		2			52	30
4-May-87	(SEE MANIFEST 86502287)	HAZARDOUS WASTE SOLID	140290	86502369		1			72	50
3-Mar-87	CA. DEPT. OF HEALTH SERV.	WASTE POISON B LIQUID N.O.S.	140392	86503551		1			124	102
2-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORMEI	?	87048309		1			84	62
2-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE LIQUID NOS	?	87048309		1			84	62
2-Apr-87	NORTH AMERICAN ENVIRONMENT	SODIUM ARSENITE LIQUID	?	87048309		1			84	62
18-May-87	PORT OF STOCKTON	WASTE COMBUSTIBLE LIQUID NOS	140494	87087050		1			68	46
18-May-87	PORT OF STOCKTON	WASTE FLAM. LIQUID NOS	140494	87087050		2			68	46
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI POISON LIQUID	?	87087102		1			36	14
19-Jun-87	SONOMA CO. SHERIFF	WASTE FLAM. LIQUID NOS	?	87087102		1			36	14
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH2	?	87087102		1			36	14
19-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH14	?	87087102		1			36	14
19-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87088030		2			36	14
0-Jul-87	DOTS FOSTER CITY	HAZARDOUS WASTE SOLID NOS		87293801		1			5	0
9-Jun-87	CREDIT ON WASTE TITANIUM TETRACHLORIDE - 31 DAYS OVERBILLED									
9-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87090503		10			36	14

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DATE IN	GENERATOR	D NF CHEMICAL CONSTITUENT	NUMBER	COMI MANIFEST	OUTGOING MANIFEST	NO OF DRUMS	DATE	DATE OUT	DAYS IN STOR	DAYS PREV LED
12-Dec-86	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392	87090563	19	CASH	16-Jun-87	186	177
16-Jun-87	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392		15			6	0
12-Dec-86	McCLELLAN	WASTE SODIUM NITRATE	140001	84905393		1			192	177
12-Dec-86	McCLELLAN	WASTE AMMONIUMHYDROXIDE	140001	84905393		1			192	177
12-Dec-86	McCLELLAN	WASTE OIL	140001	84905393	87090563	11	CASH	16-Jun-87	186	177
16-Jun-87	McCLELLAN	WASTE OIL	140001	84905393		7			6	0
14-Nov-86	SACRAMENTO ARMY DEPO	PHOSPHORIC ACID	140001	84905403		1			220	205
06-May-87	BEST FOODS	WASTE ISOCTANE	?	86083984		1			47	32
06-May-87	BEST FOODS	HAZARDOUS WASTE LIQUID ORM-A	?	86083984		1			47	32
23-Mar-87	CAL-TRANS DIST. #10 O.P.	WASTE CORROSIVE LIQUID N.O.S.	140409	86233032		1			91	76
23-Mar-87	SAN MATEO COUNTY E.H.	ACID LIQUID NOS	140410	86233069		1			91	76
23-Mar-87	SAN MATEO COUNTY E.H.	WASTE FLAMMABLE LIQUID	140410	86233069		1			91	76
17-Apr-87	MARIN COUNTY SHERIFF	HAZARDOUS WASTE SOLID NOS ORME	140451	86243061		4			66	51
12-May-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150104	86417001		2			41	26
12-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417004		1			41	26
12-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417005		3			41	26
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417021		1			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID COR	?	86417022		2			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE MEK	?	86417023		1			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE ALK. CORROSIVE LIQUID NOS	?	86417023		1			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	?	86417023		1			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417024		1			32	17
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417033		1			32	17
05-Jun-87	LOCKHEED MISSILES & SPACE	WASTE COMBUSTIBLE LIQUID NOS	150140	86417048		6			17	2
05-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150140	86417048		3			17	2
05-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 512	150140	86417048		4			17	2
05-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150140	86417051		5			17	2
05-Jun-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE SOLID NOS 513	150104	86417053		2			17	2
07-Nov-86	HAS DRMO - ALAMEDA	TWO DRUMS OVERPACK	140001	86490553		4			227	212
19-Feb-87	IT CORP. MARTINEZ	WASTE PAINT RELATED MATERIALS	A2221	86490608		1			123	108
09-Apr-87	ATLANTIC PACIFIC	WASTE POISON B SOLID N.O.S.	140382	86490620		1			74	59
09-Apr-87	ATLANTIC PACIFIC	WASTE CORROSIVE SOLID N.O.S.	140382	86490620		3			74	59
09-Apr-87	ATLANTIC PACIFIC	HAZARDOUS WASTE SOLID	140382	86490620		9			74	59
09-Apr-87	ATLANTIC PACIFIC	WASTE H202 UN2014	140382	86490620		2			74	59
09-Apr-87	D.R.M.O. FORT ORD	WASTE FLAMMABLE LIQUID NOS	140228	86490627		20			74	59
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE CORROSIVE SOLID N.O.S.	140244	86500011		1			136	121
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE FLAM. LIQUID UN1993	140244	86500011		2			136	121
11-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227		6			193	178
31-Dec-86	DEPT. OF HEALTH SER.	WASTE FLAMMABLE LIQUID	?	86500345		2			173	158
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE LIQUID	?	86502280		3			140	129
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE SOLID	?	86502280		2			140	129
17-Feb-87	SUTTER CO. C/O DOHS	WASTE FLAM. LIQUID UN1993	140290	86502287		4			125	110
24-May-87	D O H S S A M CO.	WASTE FLAM. LIQUID NOS	140450	86502346		2			29	1
04-May-87	(SEE MANIFEST 86502287)	HAZARDOUS WASTE SOLID	140290	86502369		1			49	3
13-Mar-87	CA. DEPT. OF HEALTH SERV.	WASTE POISON B LIQUID N.O.S.	140392	86503551		1			101	8
22-Apr-87	NORTH AMERICAN ENVIRONMENT	SODIUM ARSENITE LIQUID	?	87048309		1			61	4
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE LIQUID NOS	?	87048309		1			61	4
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORME	?	87048309		1			61	4
08-May-87	CITY OF ALBANY	WASTE TITANIUM TETRACHLORIDE	140500	87087047		1			45	3
08-May-87	PORT OF STOCKTON	WASTE FLAM. LIQUID NOS	140494	87087050		2			45	3
08-May-87	PORT OF STOCKTON	WASTE ACID LIQUID NOS	140494	87087050	87090582	1	CASH	16-Jun-87	39	3
08-May-87	PORT OF STOCKTON	WASTE COMBUSTIBLE LIQUID NOS	140494	87087050		1			45	3
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH2	?	87087102		1			13	
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH14	?	87087102		1			13	
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI POISON LIQUID	?	87087102		1			13	
09-Jun-87	SONOMA CO. SHERIFF	WASTE FLAM. LIQUID NOS	?	87087102		1			13	
09-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87088030		2			13	
09-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87090503		10			13	

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10-Jun-87	BAY AREA ENVIRONMENTAL - TRANSFER STATION				BI	0 DF	2	1-87	31-May-87	
DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	DAYS PREV BILLED
12-Dec-86	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392		19			170	160
12-Dec-86	McCLELLAN	WASTE AMMONIUMHYDROXIDE	140001	84905393		1			170	160
12-Dec-86	McCLELLAN	WASTE OIL	140001	84905393		11			170	160
12-Dec-86	McCLELLAN	WASTE SODIUM NITRATE	140001	84905393		1			170	160
14-Nov-86	SACRAMENTO ARMY DEPO	PHOSPHORIC ACID	140001	84905403		1			198	188
06-May-87	BEST FOODS	HAZARDOUS WASTE LIQUID ORN-A	?	86083984		1			25	15
06-May-87	BEST FOODS	WASTE ISOOCTANE	?	86083984		1			25	15
23-Mar-87	CAL-TRANS DIST. #10 O.P.	WASTE CORROSIVE LIQUID N.O.S.	140409	86233032		1			69	59
23-Mar-87	SAN MATEO COUNTY E.H.	ACID LIQUID NOS	140410	86233069		1			69	59
23-Mar-87	SAN MATEO COUNTY E.H.	WASTE FLAMMABLE LIQUID	140410	86233069		1			69	59
17-Apr-87	MARIN COUNTY SHERIFF	HAZARDOUS WASTE SOLID NOS ORME	140451	86243061		4			44	34
12-May-87	LOCKHEED MISSILES & SPACE	HAZARDOUS WASTE LIQUID NOS	150104	86417001		2			19	9
12-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417004		1			19	9
12-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	150104	86417005		3			19	9
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417021		1			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID COR	?	86417022		2			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE MEK	?	86417023		1			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE CORROSIVE LIQUID NOS	?	86417023		1			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE ALK. CORROSIVE LIQUID NOS	?	86417023		1			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417024		1			10	0
21-May-87	LOCKHEED MISSILES & SPACE	WASTE FLAMMABLE LIQUID NOS	?	86417033		1			10	0
07-Nov-86	NAS DRMO - ALAMEDA	TWO DRUMS OVERPACK	140001	86490553		4			205	195
19-Feb-87	IT CORP. MARTINEZ	WASTE PAINT RELATED MATERIALS	A2221	86490608		1			101	91
09-Apr-87	ATLANTIC PACIFIC	WASTE POISON B SOLID N.O.S.	140382	86490620		1			52	42
09-Apr-87	ATLANTIC PACIFIC	HAZARDOUS WASTE SOLID	140382	86490620		9			52	42
09-Apr-87	ATLANTIC PACIFIC	WASTE H2O2 UN2014	140382	86490620		2			52	42
09-Apr-87	ATLANTIC PACIFIC	WASTE CORROSIVE SOLID N.O.S.	140382	86490620		3			52	42
09-Apr-87	D.R.M.O. FORT ORD	WASTE FLAMMABLE LIQUID NOS	140228	86490627		20			52	42
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE CORROSIVE SOLID N.O.S.	140244	86500011		1			114	104
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE FLAM. LIQUID UN1993	140244	86500011		2			114	104
11-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227		6			171	161
31-Dec-86	DEPT. OF HEALTH SER.	WASTE FLAMMABLE LIQUID	?	86500345		2			151	141
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE SOLID	?	86502280		2			118	108
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE LIQUID	?	86502280		3			118	108
17-Feb-87	SUTTER CO. C/O DOHS	WASTE FLAM. LIQUID UN1993	140290	86502287		4			103	93
24-May-87	D O H S S A M CO.	HAZARDOUS WASTE SOLID NOS ORME	140450	86502346		1			7	0
24-May-87	D O H S S A M CO.	WASTE FLAM. LIQUID NOS	140450	86502346		2			7	0
04-May-87	<SEE MANIFEST 86502287>	HAZARDOUS WASTE SOLID	140290	86502369		1			27	17
13-Mar-87	CA. DEPT. OF HEALTH SERV.	WASTE POISON B LIQUID N.O.S.	140392	86503551		1			79	69
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORME	?	87048309		1			39	29
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE LIQUID NOS	?	87048309		1			39	29
22-Apr-87	NORTH AMERICAN ENVIRONMENT	SODIUM ARSENITE LIQUID	?	87048309		1			39	29
08-May-87	CITY OF ALBANY	WASTE TITANIUM TETRACHLORIDE	140500	87087047		1			23	13
08-May-87	PORT OF STOCKTON	WASTE ACID LIQUID NOS	140494	87087050		1			23	13
08-May-87	PORT OF STOCKTON	WASTE COMBUSTIBLE LIQUID NOS	140494	87087050		1			23	13
08-May-87	PORT OF STOCKTON	WASTE FLAM. LIQUID NOS	140494	87087050		2			23	13
27-May-87	D O H S S A C	HAZARDOUS WASTE SOLID NOS ORME	140450-05	87090502		5			4	0



26-Aug-87

## BAY AREA ENVIRONMENTAL - WASTE TRANSFER STATION

BILLING DATES: 01-Aug-87 16-Aug-87

DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	TO DAYS OUT
12-Dec-86	McCLELLAN	WASTE AMMONIUMHYDROXIDE	140001	84905393		1			247	
12-Dec-86	McCLELLAN	WASTE SODIUM NITRATE	140001	84905393		1			247	
14-Nov-86	SACRAMENTO ARMY DEPO	PHOSPHORIC ACID	140001	84905401		1			275	
12-Feb-87	NATIONAL GUARD	HAZARDOUS WASTE SOLID NOS	?	86196766		3			185	
12-Feb-87	NATIONAL GUARD	HAZARDOUS WASTE SOLID NOS	?	86196766		3			185	
28-Apr-87	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID NOS	?	86232978		4			110	
28-Apr-87	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID NOS	?	86232978		4			110	
17-Apr-87	MARIN COUNTY SHERIFF	HAZARDOUS WASTE SOLID NOS ORME	140451	86243061		2			121	
23-Apr-87	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID NOS		86243086		4			115	
23-Apr-87	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID NOS		86243086		4			115	
08-Apr-87	IT CORPORATION VINE HILL	HAZARDOUS WASTE SOLID NOS	?	86243642		4			130	
08-Apr-87	IT CORPORATION VINE HILL	HAZARDOUS WASTE SOLID NOS	?	86243642		4			130	
09-Apr-87	ATLANTIC PACIFIC	WASTE POISON B SOLID N.O.S.	140382	86490620		1			129	
09-Apr-87	ATLANTIC PACIFIC	WASTE CORROSIVE SOLID N.O.S.	140382	86490620		3			129	
09-Apr-87	ATLANTIC PACIFIC	WASTE H2O2 UN2014	140382	86490620		2			129	
09-Apr-87	ATLANTIC PACIFIC	HAZARDOUS WASTE SOLID	140382	86490620		9			129	
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE CORROSIVE SOLID N.O.S.	140244	86500011		1			191	
06-Feb-87	OAKLAND FIRE DEPARTMENT	WASTE FLAM. LIQUID UN1993	140244	86500011		1			191	
02-Feb-87	SAN MATEO COUNTY	WASTE FLAM. CORROSIVE SOLID	?	86502280		2			195	
04-May-87	<SEE MANIFEST 86502287>	HAZARDOUS WASTE SOLID	140290	86502369		1			104	
13-Mar-87	CA. DEPT. OF HEALTH SERV.	WASTE POISON B LIQUID N.O.S.	140392	86503551		1			156	
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH14	?	87087102		1			68	
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI COR. LIQ. PH2	?	87087102		1			68	
09-Jun-87	SONOMA CO. SHERIFF	WASTE OXI POISON LIQUID	?	87087102		1			68	
09-Jun-87	SONOMA CO. SHERIFF	WASTE FLAM. LIQUID NOS	?	87087102		1			68	
03-Aug-87	SONOMA POLICE DEPARTMENT	WASTE POISON B SOLID N.O.S.	140625	87087124		1			13	
03-Aug-87	SONOMA POLICE DEPARTMENT	WASTE FLAM. LIQUID	140625	87087124		1			13	
03-Aug-87	SONOMA POLICE DEPARTMENT	WASTE CORROSIVE LIQUID	140625	87087124		1			13	
31-Jul-87	IT CORP. COLL. TRANSF. FACIL.	HAZARDOUS WASTE SOLID NOS	150131	87088114		1			16	
31-Jul-87	IT CORP. COLL. TRANSF. FACIL.	WASTE POISON B SOLID	140310	87088115		1			16	
31-Jul-87	STANFORD UNIVERSITY	HAZARDOUS WASTE SOLID NOS	150226	87088116		2			16	
31-Jul-87	SO. LAKE TAHOE UTIL. DIST.	HAZARDOUS WASTE SOLID NOS	150131	87088117		1			16	
03-Aug-87	DOHS SACRAMENTO	HAZARDOUS WASTE SOLID NOS	140430	87090530		1			13	
03-Aug-87	DOHS SACRAMENTO	WASTE FLAM. LIQUID NOS	140430	87090530		1			13	
03-Aug-87	DOHS SACRAMENTO	WASTE CHLOROFORM ORN A	140430	87090530		1			13	
03-Aug-87	DOHS SACRAMENTO	WASTE THIONYL CHLORIDE	140430	87090530		1			13	
10-Jul-87	DOTS FOSTER CITY	HAZARDOUS WASTE SOLID NOS	?	87293801		1			37	

INVENTORY AS OF 16-Aug-87

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26-Aug-87

## BAY AREA ENVIRONMENTAL - TRANSFER STATION

BILLING DATES: 01-Aug-87

16-Aug-87

DATE IN	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	TO DAYS BY
12-Dec-86	MATHER AIR FORCE BASE	WASTE COMBUSTIBLE LIQUID	140001	84905392	87090563	15	?	16-Jun-87	186	
07-Nov-86	NAS DRMO - ALAMEDA	TWO DRUMS OVERPACK	140001	86490553	86490616	4	IT-MTZ	18-Feb-87	103	
11-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227	86500245	6	?	30-Dec-86	19	
09-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87090503	TURN KEY	10		17-Jun-87	8	
31-Dec-86	DEPT. OF HEALTH SERVICES	WASTE FLAMMABLE LIQUID	?	86500345	86502254	2	IT-MTZ	27-Jan-87	27	
11-Dec-86	SOUTHERN PACIFIC	HAZARDOUS WASTE SOLID	140125	86500227	86500245	6	?	30-Dec-86	19	
12-Dec-86	McCLELLAN	WASTE OIL	140001	84905393	87090563	7	?	16-Jun-87	186	
19-Feb-87	IT CORP. MARTINEZ	WASTE PAINT RELATED MATERIALS	A2221	86490608	AR-093631	1	ENSCO	19-Feb-87	0	
23-Mar-87	CAL-TRANS DIST. #10 O.P.	WASTE CORROSIVE LIQUID H.O.S.	140409	86233032	SHP#140409	1		24-Mar-87	1	
24-May-87	D O H S S A M CO.	WASTE FLAM. LIQUID NOS	140450	86502346	87008027	2	?	02-Jun-87	9	
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE LIQUID NOS	?	87048309	NOT IT CO.	1			0	
22-Apr-87	NORTH AMERICAN ENVIRONMENT	SODIUM ARSENITE LIQUID	?	87048309	NOT IT CO.	1			0	
08-May-87	PORT OF STOCKTON	WASTE FLAM. LIQUID NOS	140494	87087050	87090582	2	?	16-Jun-87	39	
09-Jun-87	PG & E ANTIOCH	HAZARDOUS WASTE SOLID NOS	140554	87088030	TURN KEY	2		17-Jun-87	8	
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORMEI	?	87048309	NOT IT CO.	1			0	
08-May-87	PORT OF STOCKTON	WASTE COMBUSTIBLE LIQUID NOS	140494	87087050	87090582	1	?	16-Jun-87	39	
22-Apr-87	NORTH AMERICAN ENVIRONMENT	HAZARDOUS WASTE SOLID NOS ORMEI	?	87048309	NOT IT CO.	1			0	

Sep	AREA	IRON	AL -	NSFE	ATIC	ENT:	DATES:	LINS	ROI	AL	ICE
						BILLING		01-Aug-87	31-Aug-87		TOTA
DATE	GENERATOR	BRAND NAME / CHEMICAL CONSTITUENT	JOB NUMBER	INCOMING MANIFEST	OUTGOING MANIFEST	NO. OF DRUMS	SITE	DATE OUT	DAYS IN STORAGE	DAYS P BILL	
04-Mar-87	D.R.M.O.	WASTE FLAMABLE LIQUID		84779969	87005936	1	T	18-Aug-87	167		
04-Mar-87	D.R.M.O.	WASTE FLAMMABLE GAS		84779969		1			180		
25-Jun-87	N. A. S.	WASTE FLAMABLE LIQUID N.O.S.		86354462	87005936	1	T	18-Aug-87	54		
30-Mar-87	O. N. S.	WASTE COMPRESSED GAS FLAM		86354463		2			154		
30-Mar-87	O. N. S.	WASTE CORROSIVE LIQUID N.O.S.		86354463	87005954	1	USPCI	26-Aug-87	149		
30-Mar-87	D.R.M.O.	COMBUSTIBLE LIQUID N.O.S.		86354465	87005936	2	T	18-Aug-87	141		
13-Mar-87	N. A. S.	WASTE FLAMABLE LIQUID NOS		86354468	87005954	2	USPCI	26-Aug-87	166		
26-Aug-87	N. A. S.	WASTE FLAMABLE LIQUID NOS		86354468		1			5		
20-Mar-87	O. N. S.	WASTE COMBUSTIBLE LIQUID O/P		86354475		1			164		
20-Mar-87	O. N. S.	WASTE CORROSIVE LIQUID N.O.S.		86354475	87005954	1	USPCI	26-Aug-87	159		
20-Mar-87	O. N. S.	WASTE ORME LIQUID		86354475	87005936	7	T	18-Aug-87	151		
18-Aug-87	O. N. S.	WASTE ORME LIQUID		86354475		1			13		
04-Mar-87	D.R.M.O.	COMBUSTIBLE LIQUID N.O.S.		86354497	87005936	2	T	18-Aug-87	167		
18-Aug-87	D.R.M.O.	COMBUSTIBLE LIQUID N.O.S.		86354497		1			13		
24-Apr-87	D.R.M.O.	CORROSIVE ALK. LIQUID		86354498	87005954	2	USPCI	26-Aug-87	124		
04-Mar-87	D.R.M.O.	WASTE ORMA LIQUID		86354498	87005936	1	T	18-Aug-87	167		
06-Mar-87	D.R.M.O.	CORROSIVE ALK. LIQUID		86354500	87005954	11	USPCI	26-Aug-87	173		
06-Mar-87	D.R.M.O.	WASTE COMPRESSED GAS		86354500		1			178		
06-Mar-87	D.R.M.O.	WASTE FLAMABLE LIQUID		86354500	87005936	3	T	18-Aug-87	165		
06-Mar-87	D.R.M.O.	WASTE ORMA LIQUID		86354500	87005936	2	T	18-Aug-87	165		
18-Aug-87	D.R.M.O.	WASTE ORMA LIQUID		86354500		1			13		
06-Mar-87	D.R.M.O.	WASTE ORMB LIQUID		86354500		3			178		
21-Apr-87	O. N. S.	WASTE COMBUSTIBLE LIQUID NOS		86354524	87005936	1	T	18-Aug-87	119		
26-Aug-87	CGA	WASTE CORROSIVE LIQUID N.O.S.		86354529		3			5		
13-Apr-87	CGA	WASTE CORROSIVE LIQUID N.O.S.		86354529	87005954	6	USPCI	26-Aug-87	135		
17-Apr-87	N. A. S.	WASTE "POISON B" LIQUID		87005605		1			136		
17-Apr-87	N. A. S.	WASTE COMBUSTIBLE LIQUID NOS		87005605	87005936	5	T	18-Aug-87	123		
17-Apr-87	N. A. S.	WASTE CORROSIVE LIQUID N.O.S.		87005605	87005936	10	T	18-Aug-87	123		
18-Aug-87	N. A. S.	WASTE CORROSIVE LIQUID N.O.S.		87005605	87005954	9	USPCI	26-Aug-87	8		
17-Apr-87	N. A. S.	WASTE ORMA NOS		87005605	87005936	4	T	18-Aug-87	123		
17-Apr-87	N. A. S.	WASTE ORME		87005605	87005936	6	T	18-Aug-87	123		
11-May-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.		87005610	87005936	4	T	18-Aug-87	99		
15-May-87	D.R.M.O.	HAZARDOUS WASTE LIQUID N.O.S.		87005676		4			108		
15-May-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.		87005687		1			108		
18-Jun-87	N.A.S.	HAZARDOUS WASTE SOLID N.O.S.	D.0.0051	87005728		7			74		
18-Jun-87	N.A.S.	WASTE "POISON B" LIQUID NOS	D.0.0051	87005728		1			74		
18-Jun-87	N.A.S.	WASTE "POISON B" SOLID NOS	D.0.0051	87005728		3			74		
18-Jun-87	N.A.S.	WASTE COMBUSTIBLE LIQUID NOS	D.0.0051	87005728	87005936	13	T	18-Aug-87	61		
18-Jun-87	N.A.S.	WASTE COMPRESSED GAS NOS	D.0.0051	87005728		6			74		
26-Aug-87	N.A.S.	WASTE CORROSIVE LIQUID N.O.S.	D.0.0051	87005728		2			5		
18-Jun-87	N.A.S.	WASTE CORROSIVE LIQUID N.O.S.	D.0.0051	87005728	87005954	12	USPCI	26-Aug-87	69		
18-Jun-87	N.A.S.	HAZARDOUS WASTE SOLID N.O.S.	D.0.0061	87005731		1			74		
18-Jun-87	N.A.S.	WASTE COMPRESSED GAS NOS	D.0.0061	87005731		2			74		
18-Jun-87	N.A.S.	WASTE ORMA NOS	D.0.0061	87005731	87005936	1	T	18-Aug-87	61		
13-Jul-87	D.R.M.O.	WASTE COMPRESSED GAS NOS		87005738		1			49		
13-Jul-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.		87005738	87005954	1	USPCI	26-Aug-87	44		
13-Jul-87	D.R.M.O.	WASTE FLAMABLE LIQUID NOS		87005738	87005936	2	T	18-Aug-87	36		
18-Jun-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.	D.0.0065	87005743	87005954	5	USPCI	26-Aug-87	69		
18-Jun-87	D.R.M.O.	WASTE FLAMABLE LIQUID NOS	D.0.0065	87005743	87005936	3	T	18-Aug-87	61		
18-Jun-87	D.R.M.O.	WASTE COMPRESSED GAS	D.0.0063	87005744		1			74		
05-Jun-87	N.A.S. 360	WASTE "POISON B" LIQUID		87005749		16			87		
05-Jun-87	N.A.S. 360	WASTE "POISON B" SOLID		87005749		2			87		
20-Jul-87	D.R.M.O.	WASTE COMPRESSED GAS	D.0.0078	87005861		1			42		
20-Jul-87	D.R.M.O.	WASTE CORROSIVE LIQUID N.O.S.		87005862	87005954	15	USPCI	26-Aug-87	37		
18-Aug-87	D.R.M.O.	HAZARDOUS WASTE SOLID N.O.S.	D.0.9194	87005910		2			13		
18-Aug-87	D.R.M.O.	WASTE "POISON B" LIQUID	D.0.9194	87005910		1			13		
18-Aug-87	D.R.M.O.	WASTE COMPRESSED GAS	D.0.9194	87005910		1			13		

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**ATTACHMENT Q**  
**UNIFORM HAZARDOUS WASTE MANIFESTS**

**Q-1**

**INCOMING MANIFESTS  
JULY - OCTOBER**

**JULY**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ME. Diablo Hospital 2540 East Street, Concord CA 94520		1. Generator's US EPA ID No. CAX000039909000151		A. State Manifest Document Number 87041637	
4. Generator's Phone (415) 674-2261		6. US EPA ID Number		B. State Generator's ID HAHQ36021356	
5. Transporter 1 Company Name Bay Area Environmental		6. US EPA ID Number CAT080014079		C. State Transporter's ID 801464	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (415) 253-8001	
9. Designated Facility Name and Site Address Bay Area Environmental 1125 Hensley St Richmond CA 94801		10. US EPA ID Number CAT080014079		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (415) 233-8001	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a.	waste Xylene, Flammable liquid, UN1307	0101	DM	SS G	State 213 EPA/Other 1001
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above waste Xylene		K. Handling Codes for Wastes Listed Above			
		a.			
		b.			
		c.			
		d.			
15. Special Handling Instructions and Additional Information wear protective clothing					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name X		Signature [Signature]		Month Day Year 12/1/87	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Greg Reed		Signature [Signature]		Month Day Year 12/7/87	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Joe Lynch		Signature [Signature]		Month Day Year 12/7/87	



**AUGUST**

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

CAP 30892408 0004

Document No.

Page

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

6ARD Cardio Surgery  
2400 A Bisco Lane, Concord, CA 94509

4. Generator's Phone (415) 886-8900

A. State Manifest Document Number

07041663

B. State Generator's ID

H A H Q 3 6 0 2 0 3 2 9

5. Transporter 1 Company Name

Bay Area Environmental

6. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 8

C. State Transporter's ID

801404

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94801

10. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 8

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total Quantity

14. Unit

Wt/Vol

I. Waste No.

a. Hazardous waste liquid, N.O.S., URM-<sup>E</sup> NA 9189

601 2M

155

6

State

EPA/Other

CA

b. hazardous waste solid, N.O.S., URM-E, NA 9189

603 2M

111

7

State

EPA/Other

CA

c. State EPA/Other

d. State EPA/Other

J. Additional Descriptions for Materials Listed Above

1a) Freon waste/waste oil  
b) hardened resin waste

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

wear protective clothing

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

S 8022 A (1/87)

EPA 8700-22

(Rev. 9-86) Previous editions are obsolete.

INSTRUCTIONS ON THE BACK

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

CIAID 0811456460 0101011

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Xoma Corporation  
2910 7th Street, Berkeley, CA 94710

4. Generator's Phone (415) 644-1170

5. Transporter 1 Company Name

Xoma Corporation

6. US EPA ID Number

Exempt

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94801

10. US EPA ID Number

CIAID 08100140079

A. State Manifest Document Number

87041674

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

415-233-8001

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total Quantity  
Quantity

14. Unit  
Wt/Vol

a. Hazardous Waste Liquid N.O.S., Flammable NA #1993

15 BE TLD G

State: 551  
EPA/Other: D001

b.

15 BE TLD G

State: 551  
EPA/Other: D001

c.

15 BE TLD G

State: 551  
EPA/Other: D001

d.

15 BE TLD G

State: 551  
EPA/Other: D001

J. Additional Descriptions for Materials Listed Above

solvent waste from laboratory  
Generator transported waste - small quantity

K. Handling Codes for Wastes Listed Above

a. b. c. d.

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD9 9201 244 0101011	Manifest Document No. 0101011	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Wesco Labs 14 Galli Drive, Suite A, Novato, CA 94949 4. Generator's Phone (415) 88336425				A. State Manifest Document Number 87041665 B. State Generator's ID H4440360231125	
5. Transporter 1 Company Name Bay Area Environmental		6. US EPA ID Number CAT080014079		C. State Transporter's ID 801464	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 415-233-8001	
9. Designated Facility Name and Site Address Bay Area Environmental 1125 Mensley Street Richmond, CA 94801		10. US EPA ID Number CAT080014079		E. State Facility's ID F. Facility's Phone 415-233-8001	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Flammable Liquid, N.O.S., UN 1993			0,0,1 DM	55	G
b. Waste Corrosive Liquid, N.O.S., UN 1760 Lab-Pack			093 DM	00990	P
c. waste formaldehyde, CRMA, UN3209			092 DM	110	G
d.					
15. Special Handling Instructions and Additional Information wear protective clothing			K. Handling Codes for Wastes Listed Above		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			L. Additional Descriptions for Materials Listed Above 1) mixed organic solvents 2) waste acid (60% Nitric, 20% HCl, 5% sulfuric with nitrate)		
Printed/Typed Name Jim Crowley			Signature Jim Crowley		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Greg Reed			Signature Greg Reed		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature		
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Joe Lynch			Signature Joe Lynch		

IN CASE OF AN EMERGENCY - CALL THE NATIONAL RESPONSE CENTER

350-850-1800 FAX 1-800-452-6500  
CALIFORNIA  
800-452-6500  
ESPIONAGE  
ILL TIT  
SPILL  
ENCLOSURE  
IN E  
CASE

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.  
**C A D 9 8 1 4 5 6 4 6 0 0 0 0 1**

2. Page 1 of 1  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**Xoma Corporation  
2910 7th Street, Berkeley, CA 94710**  
4. Generator's Phone ( **415 644-1170** )

A. State Manifest Document Number  
**87041673**  
B. State Generator's ID

5. Transporter 1 Company Name  
**Xoma Corporation**  
6. US EPA ID Number  
**CAN e x e m p t**  
7. Transporter 2 Company Name  
8. US EPA ID Number

C. State Transporter's ID  
D. Transporter's Phone  
E. State Transporter's ID  
F. Transporter's Phone

9. Designated Facility Name and Site Address  
**Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94801**  
10. US EPA ID Number  
**C A T 0 8 0 0 1 4 0 7 9**

G. State Facility's ID  
H. Facility's Phone  
**415-233-8001**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. <b>Hazardous Waste Liquid N.O.S., Flammable NA #1993</b>	<b>0107BA</b>	<b>1</b>	<b>26</b>	State <b>51</b> EPA/Other <b>0001</b>
b.				State EPA/Other
c.				State EPA/Other
d.				State EPA/Other

J. Additional Descriptions for Materials Listed Above  
**solvent from laboratory  
Generator transported waste - small quantity**

K. Handling Codes for Wastes Listed Above  
a. b. c. d.

15. Special Handling Instructions and Additional Information  
**Wear gloves**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Signature Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name Signature Month Day Year  
**For Lynch** **12/1/87**

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

Page 1 of 1

Information in the shaded areas is not required by Federal law.

CLAD 91813161217131813

000011

3. Generator's Name and Mailing Address

Ion Systems Inc.  
2541 10th Street, Berkeley, CA 94710

4. Generator's Phone ( )

A. State Manifest Document Number

87041688

B. State Generator's ID

H A H 0 3 6 0 2 0 9 2 8

C. State Transporter's ID

exempt

D. Transporter's Phone

415-240-0446

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

415-233-8001

5. Transporter 1 Company Name

Ion Systems Inc.

6. US EPA ID Number

EXEMPT

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94801

10. US EPA ID Number

CA 11 0001 H 071

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total Quantity

14. Unit  
Wt/Vol

a. Waste Methylene Ketone Flammable UN 1193

0101 DM

010101015

6

State 212  
EPA/Other D001

b.

State  
EPA/Other

c.

State  
EPA/Other

d.

State  
EPA/Other

J. Additional Descriptions for Materials Listed Above

1 x 5 gallon can MEK

K. Handling Codes for Wastes Listed Above

a. b. c. d.

15. Special Handling Instructions and Additional Information

Store in cool area

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF AN EMERGENCY, CALL THE FOLLOWING:



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest  
Document No.2. Page 1  
ofInformation in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

Alyeska Pipeline Service Co., - AMF  
5317 Minnesota Dr., Anchorage, Ak. 99502

4. Generator's Phone (907) 265-8598

A. State Manifest Document Number

87087377

B. State Generator's ID

5. Transporter 1 Company Name

Lynden Transport, Inc.

6. US EPA ID Number

WAD002799260

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

Totam Ocean Trailer Express

8. US EPA ID Number

AKD000800888

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Mansley St.  
Richmond, Ca. 94801

10. US EPA ID Number

CAT080014079

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

Waste, Flammable Liquid, N.O.S., (EPA Ignitability)  
Flammable Liquid UN1993

12. Containers

No.

Type

13. Total  
Quantity14. Unit  
Wt/Vol

15. Waste No.

2

DM

110

G

State 213

EPA/Other  
D001

b. Hazardous Waste, Liquid, N.O.S., ORM-E NA9189

6

DM

330

G

State 214

EPA/Other  
N/Ac. Waste, Oil, N.O.S. (EPA Ignitability)  
Flammable Liquid NA1270

1

DM

55

G

State 221

EPA/Other  
D001

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

- a. Analysis attached  
b. Analysis attached  
c. Analysis attached

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

BILLY M RADFORD

Signature

Billy M Radford

Month Day Year

8/10/87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

GEORGE E. LONG

Signature

George E. Long

Month Day Year

9/10/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

KEVIN A. MCCARTHY

Signature

Kevin A. McCarthy

Month Day Year

10/11/87

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Joe Lynch

Signature

Joe Lynch

Month Day Year

10/20/87

GENERATOR

TRANSPORTER

FACILITY



# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

ANCHORAGE INDUSTRIAL CENTER 5633 B STREET ANCHORAGE, ALASKA 99518  
TELEPHONE (907) 562-2343



## ANALYTICAL REPORT

CLIENT Alyeska Pipeline Service Co. CLIENT P. O. # TAPS 3747/#083  
ADDRESS P.O. Box 196606 SAMPLES RECEIVED: 4/27/87  
Anchorage, AK 99519-6606 SAMPLES COLLECTED: \_\_\_\_\_  
REFER QUESTION TO: Stephen C. Ede DATE ANALYZED: 5/4/87  
APPROVED BY: Stephen C. Ede *UCE* LAB SAMPLE NO. 6037

CLIENT SAMPLE I.D.: SDR #SS870014 Container #2

MATRIX: Oil

METHOD: ASTM D-808

Total Halogens, ppm

5251 ✓

Polychlorinated Biphenyls, ppm

ND (1)

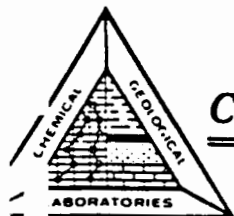
11. C

RESIDUAL SAMPLES WILL BE HELD UNTIL: \_\_\_\_\_

ND = NONE DETECTED  
DETECTION LIMIT IN ( )

INVOICE # \_\_\_\_\_





# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343

FEDERAL TAX ID # 92-0040440

ANALYSIS REPORT BY SAMPLE



Client P.O.# : TAPS 3747 #083 Reg #:  
Client Sample ID: SDR #SS870013/CONT#1/USED STODDARD SOLV

Work Order No. : 950  
Client Account : ALYESKA  
Date Report Printed: JUN 8 07 9 12:54  
Released by : SCE *KCE*

Sample Received : APR 27 87  
Ordered by : BILL RADFORD

REPORTS ADDRESS #2

REPORTS ADDRESS #1  
ALYESKA PIPELINE SRVC CO  
ATTN ROSS OLIVER\*TAPS3747#47  
BOX 300  
VALDEZ, AK. 99686

Special  
Instructions:

Chem Lab Ref #: 6036 Lab Sample ID: 1 Matrix: Oil

Parameter Tested	Result/Units	Method	Allowable Limits
EP TOXICITY*INORGANICS	n/a n/a	EP SW846	
ARSENIC	ND (0.1) mg/l	EP SW846	5.0 maximum
BARIUM	0.89 mg/l	EP SW846	100.0 maximum
CADMIUM	0.77 mg/l	EP SW846	1.0 maximum
CHROMIUM	0.54 mg/l	EP SW846	5.0 maximum
LEAD	1.84 mg/l	EP SW846	5.0 maximum
MERCURY	ND (0.001) mg/l	EP SW846	0.2 maximum
SELENIUM	ND (0.1) mg/l	EP SW846	1.0 maximum
SILVER	ND (0.05) mg/l	EP SW846	5.0 maximum
pH. CORROSIVITY	6.2 units	EP SW846	2.5 - 12.5
*F. FLAMMABILITY	115 °F	EP SW846	minimum 140
REACTIVITY	NON REACTI	EP SW846	
HALOGENS. TOTAL	329 ppm	ASTM D-808	
POLYCHLORINATEDBIPHENYLS-OIL	ND (1) ppm	EPA 8080	
SPECIFIC GRAVITY	0.8099	ASTM D-287	

11.2

Sample STODDARD SOLVENT: 79.5%

Remarks: ~~SS87-0013~~

15 Tests Performed  
ND= None Detected  
NA= Not Analyzed

\* See Special Instructions Above  
\*\* See Sample Remarks Above  
LT=Less Than. GT=Greater Than



# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343  
FEDERAL TAX ID # 92-0040440



## ANALYSIS REPORT BY SAMPLE

Client POC : TAPS 3747/4085 Req #:  
Client Smp ID: SDR #55870016/CONT#3/USED STODDARD SOLV

Work Order No. : 450  
Client Account : ALYESKA  
Date Report Printed: JUN 8 87 2:51  
Released By : SUE LCA

Sample Rec'd : APR 27 87  
Ordered By : BILL RAGFORD

### REPORTS ADDRESS #2

REPORTS ADDRESS #1  
ALYESKA PIPELINE SRVC CO  
ATTN RUSS OLIVER/TAPS3747#47  
BOX 300  
FALDEZ, AK. 99686

Special  
Instruct:

Chemlab Ref #: 6036 Lab Smp ID: 3 Matrix: Oil

Parameter Tested	Result/Units	Method	Allowable Limits
EP TOXICITY*INORGANICS	n/a n/a	EP S7846	
ARSENIC	ND (0.1) mg/l	EP S7846	5.0 maximum
BARIUM	0.60 mg/l	EP S7846	100.0 maximum
CADMIUM	2.50 mg/l	EP S7846	1.0 maximum
CHROMIUM	0.67 mg/l	EP S7846	5.0 maximum
LEAD	1.6 mg/l	EP S7846	5.0 maximum
MERCURY	ND (0.001) mg/l	EP S7846	0.2 maximum
SELENIUM	ND (0.1) mg/l	EP S7846	1.0 maximum
SILVER	ND (0.1) mg/l	EP S7846	5.0 maximum
PH. CORROSIVITY	6.4 units	EP S7846	2.5 - 12.5
*F. FLAMMABILITY	120 °F	EP S7846	minimum 140
REACTIVITY	NON REACTI	EP S7846	
HALOGENS. TOTAL	1765 ppm	ASTM D-306	
POLYCHLORINATEDBIPHENYLS-OIL	ND (1) ppm	EPA 8080	
SPECIFIC GRAVITY	0.7923	ASTM D-287	

Sample STODDARD SOLVENT: 99.5%  
Remarks: SDR 5587-0016

15 Tests Performed

ND= None Detected

NA= Not Analyzed

\* See Special Instructions Above

\*\* See Sample Remarks Above

LT=Less Than. GT=Greater Than



# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343  
FEDERAL TAX ID # 92-0040440  
ANALYSIS REPORT BY SAMPLE



Client PO# : TAPS 3747/#093 Req #:  
Client Sample ID: SDR #SS870015/CONT#4/USED SOLV. CASTROL

Work Order No. : 950  
Client Account : ALYESKA  
Date Report Printed: JUN 8 87 @ 12:55  
Released By : SCE XCE

Sample Received : APR 27 87  
Ordered By : BILL RADFORD

REPORTS ADDRESS #2

REPORTS ADDRESS #1  
ALYESKA PIPELINE SRVC CO  
ATTN ROSS OLIVER-TAPS3747#47  
BOX 300  
VALDEZ, AK. 99686

Special:  
Instructions:

Chemical Ref #: 6036 Lab Sample ID: 2 Matrix: Oil

Parameter Tested	Result/Units	Method	Allowable Limits
EP TOXICITY*INORGANICS	n/a n/a	EP SW846	
ARSENIC	ND (0.1) mg/l	EPSW846	5.0 maximum
BARIUM	ND (0.1) mg/l	EPSW846	100.0 maximum
CADMIUM	ND (0.1) mg/l	EPSW846	1.0 maximum
CHROMIUM	0.25 mg/l	EPSW846	5.0 maximum
LEAD	0.64 mg/l	EPSW846	5.0 maximum
MERCURY	ND (0.001) mg/l	EPSW846	0.2 maximum
SELENIUM	ND (0.1) mg/l	EPSW846	1.0 maximum
SILVER	ND (0.1) mg/l	EPSW846	5.0 maximum
pH. CORROSIVITY	6.2 units	EPSW846	2.5 - 12.5
*F. FLAMMABILITY	150 °F	EPSW846	minimum 140
REACTIVITY	NON REACTI	EPSW846	
HALOGENS. TOTAL	212 ppm	ASTM D-808	
POLYCHLORINATEDBIPHENYLS-OIL	ND (1) ppm	EPA 8080	
SPECIFIC GRAVITY	0.8985	ASTM D-287	

Sample STANDARD SOLVENT: 77.5%  
Remarks: WATER: 15.6%  
SOLIDS: 6.8%

CASTROL SOLVENT  
SS87-0015

11.6

15 Tests Performed  
ND= None Detected  
NA= Not Analyzed

\* See Special Instructions Above  
\*\* See Sample Remarks Above  
LT=Less Than. GT=Greater Than



# CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.

5633 B STREET ANCHORAGE, ALASKA 99518 TELEPHONE (907) 562-2343  
FEDERAL TAX ID # 92-0040440

## ANALYSIS REPORT BY SAMPLE



Client PO# : VERBAL Reg #:  
Client Smp ID: SDR#55870014CONTAINER #2 WO#83

Work Order No. : 1416  
Client Account : ALYESKP  
Date Report Printed: JUL 9 87 @ 08:38  
Released By : 2 VCE

Sample Rec'd : JUL 1 87  
Ordered By : DAVID SUNDAY

Reports Address #2

Send  
Reports To: ALYESKA PIPELINE SRVC CO

DAVID SUNDAY

P O BOX 196606  
ANCHORAGE, AK. 99519-6606

Special REFERENCE CHEM LAB WO# 6037  
Instruct:

Chemlab Ref #: 6777 Lab Smp ID: 1 Matrix: Oil

Parameter Tested	Result/Units	Method	Allowable Limits
EP TOXICITY*INORGANICS	n/a n/a	EP SW846	
ARSENIC	ND (0.001) mg/l	EP SW846	5.0 maximum
BARIUM	0.76 mg/l	EP SW846	100.0 maximum
CADMIUM	0.52 mg/l	EP SW846	1.0 maximum
CHROMIUM	0.97 mg/l	EP SW846	5.0 maximum
LEAD	740 mg/l	EP SW846	5.0 maximum
MERCURY	ND (0.02) mg/l	EP SW846	0.2 maximum
SELENIUM	ND (0.001) mg/l	EP SW846	1.0 maximum
SILVER	2.6 mg/l	EP SW846	5.0 maximum
pH, CORROSIVITY	6.2 units	EP SW846	2.5 - 12.5
*F, FLAMMABILITY	123 *F	EP SW846	minimum 140
REACTIVITY	NON REACTIVE	EP SW846	
SPECIFIC GRAVITY	0.8832	ASTM D-287	

# 11.C

5587-0014  
used oil

Sample COMPOSITION - OIL 100%.

Remarks: SAMPLE EXCEEDS MAXIMUM ALLOWABLE LIMIT FOR LEAD OF 5 MG/L

13 Tests Performed  
ND= None Detected  
NA= Not Analyzed

\* See Special Instructions Above  
\*\* See Sample Remarks Above  
LT=Less Than, GT=Greater Than

**SEPTEMBER**



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

CAD 981163348 010002

Manifest  
Document No.2. Page 1  
2 of 2Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

Clayton Environmental Consultants, Inc  
1252 QUARRY LANE, PLEASANTON, CA  
94523

4. Generator's Phone

(415) 426-2600

5. Transporter 1 Company Name

BAY AREA ENVIRONMENTAL CAT 080014079

6.

US EPA ID Number

8.

US EPA ID Number

7. Transporter 2 Company Name

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94801

10.

US EPA ID Number

CAT 080014079

A. State Manifest Document Number

87441998

B. State Generator's ID

HA 4636-1738-80

C. State Transporter's ID

801464

D. Transporter's Phone

415-233-8001

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

415-233-8001

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Waste Corrosive liquid, N.O.S., Corrosive  
material, UN 1760

12. Containers

No. Type

1 DF

13. Total

Quantity

5.5 G

14. Unit

Wt/Vol

791

I. Waste No.

State

EPA/Other

D007, D002, D002

b. Waste Corrosive liquid, N.O.S., Corro-  
sive material, UN 1760

1 DF

5.5 G

792

State

EPA/Other

D007, D002

c.

1 DF

5.5 G

State

EPA/Other

d.

1 DF

5.5 G

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

see Attached List

K. Handling Codes for Wastes Listed Above

a. b.

c. d.

15. Special Handling Instructions and Additional Information

wear protective clothing

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

MARY D. BECK

Signature

Mary D Beck

Month Day Year

09/01/87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Donnie Featherstone

Signature

Donnie Featherstone

Month Day Year

09/01/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

FACILITY

CASE -- IN EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAD981163348010102**

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**Clayton Environmental Consultants**  
**1252 QUARRY LANE, PLEASANTON, CA**  
 4. Generator's Phone (415) **426-2644 2600**

A. State Manifest Document Number  
**87441997**  
 B. State Generator's ID  
**HAHQ36-017380**  
 C. State Transporter's ID **801464**

5. Transporter 1 Company Name  
**BAY AREA ENVIRONMENTAL**  
 6. US EPA ID Number  
**CAT080014079**

D. Transporter's Phone  
 E. State Transporter's ID  
 F. Transporter's Phone

7. Transporter 2 Company Name  
 8. US EPA ID Number  
 9. Designated Facility Name and Site Address  
**Bay Area Environmental**  
**1125 Hensley Street**  
**Richmond, CA 94801**  
 10. US EPA ID Number  
**CAT080014079**

G. State Facility's ID  
 H. Facility's Phone  
**415-233-8001**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. Waste Corrosive Liquid, N.O.S., Corrosive material, UN1760	7 D.F.	55 G		State 791, 79 EPA/Other 0007, 01
b. Waste Corrosive Liquid, N.O.S., Corrosive material, UN1760	1 D.F.	55 G		State 791 EPA/Other 0002
c. Waste Corrosive Liquid, N.O.S., Corrosive material, UN1760	1 D.F.	55 G		State 725 EPA/Other 0004, 0006, 0007, 01
d. Waste Corrosive liquid, N.O.S., Corrosive material, UN1760	1 D.F.	55 G		State 791 EPA/Other 0006, 0009, 01

J. Additional Descriptions for Materials Listed Above  
**see attached list**  
**Approved for use: Dale Ruston**

K. Handling Codes for Wastes Listed Above  
 a.   
 b.   
 c.   
 d.

15. Special Handling Instructions and Additional Information  
**Wear protective clothing**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
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Printed/Typed Name **MARY D. BECK** Signature **Mary D Beck** Month Day Year **09/01/87**

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name **Donnie Featherstone** Signature **Donnie Featherstone** Month Day Year **10/9/87**

18. Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space  
 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name **Joe Lynch** Signature **Joe Lynch** Month Day Year **09/01/87**

GENERATOR  
TRANSPORTER  
FACILITY



GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS  
WASTE MANIFEST

C A D 9 8 1 6 2 6 2 9 4 3 Document No.

of 1 is not required by Federal law.

## 3. Generator's Name and Mailing Address

408-742-7661

B/513

Lockheed Missiles and Space Co.  
1111 Lockheed Way B/535 0/47-10  
Sunnyvale, CA 94088-3504

## 4. Generator's Phone ( )

5. Transporter 1 Company Name  
IT San Jose Services

6. US EPA ID Number

C A D 9 8 0 8 8 5 9 2 5

## 7. Transporter 2 Company Name

8. US EPA ID Number

## 9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Henley Street  
Richmond, CA 94804

10. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 9

## A. State Manifest Document Number

872-8059

## B. State Generator's ID

HY HQ 36-005662-0003

## C. State Transporter's ID

801627

## D. Transporter's Phone

408-263-7250

## E. State Transporter's ID

## F. Transporter's Phone

## G. State Facility's ID

CAD000094771

## H. Facility's Phone

415-233-8001

## 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type13. Total  
Quantity14. Unit  
Wt/Vol

15. Waste No.

a. Waste flammable liquid, poisonous n.o.s.

Flammable liquid, poisonous UN 1292

001

DM

5

G

State

343

EPA/Other 0001

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

## J. Additional Descriptions for Materials Listed Above

A. See attached list.

## K. Handling Codes for Wastes Listed Above.

## 15. Special Handling Instructions and Additional Information

Wear glove, goggles and protective clothing

## 16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

## Printed/Typed Name

James C. Server

## Signature

James C. Server

Month Day Year

09/15/98

## 17. Transporter 1 Acknowledgement of Receipt of Materials

## Printed/Typed Name

Mike Adams

## Signature

Mike Adams

Month Day Year

09/18/98

## 18. Transporter 2 Acknowledgement of Receipt of Materials

## Printed/Typed Name

Gerardo V Garcia

## Signature

Gerardo V Garcia

Month Day Year

09/22/98

## 19. Discrepancy Indication Space

## 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

## Printed/Typed Name

David Burton

## Signature

David Burton

Month Day Year

09/22/98

for

CUSTOMER NAME: Lockheed

51

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #

GENERATOR EPA ID #

C A D 9 8 1 6 2 6 2 9

DATE

8-19-87

P.S.N.:

Flammable Liquid, NOS, UN 19

DRUM # 513

CHEMICAL NAME

QUANT. & SIZE

ADDITION

4-081987

WASTE Flammable Liquids: Methyl-  
Ethyl-Ketone, Isopropyl Alcohol

1X 55 e 5 gal.

59

IN CASE OF AN EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-800-424-9006, WITHIN CALIFORNIA CALL 1-800-967-7593

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address  409-742-7651 R/591 4. Generator's Phone ( )		Lockheed Missiles and Space Co. 1111 Lockheed Way B/335 0/47-10 Sunnyvale, CA 94089-7504		A. State Manifest Document Number <b>87298058</b>	
5. Transporter 1 Company Name IT San Jose Services		6. US EPA ID Number 1C1A10141810181815141215		B. State Generator's ID 01/10/05105621041	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID 801679	
9. Designated Facility Name and Site Address Bay Area Environmental 1125 Henley Street Richmond, CA 94804		10. US EPA ID Number 1C1A1101810101114101210		D. Transporter's Phone 408-262-7750	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID 1A10101091771	
				H. Facility's Phone 415-237-8801	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Flammable Liquid n.o.s. Flammable liquid UN 1993		001	DM	20	G
b. Hazardous Waste Solid, n.o.s. ORM E NA 9189		002	DM	80	P
c. Waste Flammable Liquid, poisonous n.o.s. Lab Pack Flammable Liquid, Poisonous UN 1992		001	DM	250	P
d.					
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
A. See attached list		a.		b.	
B. See attached list		c.		d.	
C. See attached list					
15. Special Handling Instructions and Additional Information Wear glove, goggles and protective clothing					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name James C Seaver		Signature James C Seaver		Month Day Year 10/9/18/17	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Mike Adams		Signature Michael A. Adams		Month Day Year 10/9/18/17	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name Gerardo V Garcia		Signature Gerardo V Garcia		Month Day Year 10/9/18/17	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name DAVID BURTON		Signature David Burton		Month Day Year 10/9/18/17	



for

CUSTOMER NAME: LockNEP Bldg 591

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #

GENERATOR EPA ID #

C	A	D	9	8	1	6	2	8	7	6	1
---	---	---	---	---	---	---	---	---	---	---	---

DATE: 9-10-87

P.S.N.: HAZ-WASTE SOLID NOS

[illegible]

Virgin ~~p~~  
Product

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

406-742-7661

Lockheed Missiles and Space Co.

Barge

1111 Lockheed Way B-535 9147-10

4. Generator's Phone ( )

Sunnyvale, CA 94088-3504

A. State Manifest Document Number

87233064

B. State Generator's ID

11111111111111111111

C. State Transporter's ID

D. Transporter's Phone

406-763-7250

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

CAD000094771

H. Facility's Phone

415-233-8001

9. Designated Facility Name and Site Address

Bay Area Environmental

1125 Henley Street

Richmond, CA 94804

10. US EPA ID Number

CA7101810114070

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

15. Waste No.

a. Waste Poisonous Liquid, n.o.s.  
Poison B

UN 2810

006

DM

300

G

State

EPA/Other 343  
D001

b. Hazardous Waste Solid n.o.s. DM E NA 9189

004

DM

160

F

State

EPA/Other 512  
except

c. State EPA/Other

d. State EPA/Other

J. Additional Descriptions for Materials Listed Above

A. See attached list

B. See attached list

K. Handling Codes for Wastes Listed Above

a. b.

c. d.

15. Special Handling Instructions and Additional Information

Wear glove, goggles and protective clothing

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

James C. Seaver

Signature

James C. Seaver

Month Day Year

09/18/87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Mark A. ...

Signature

Mark A. ...

Month Day Year

10/11/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gerardo V. Garcia

Signature

Gerardo V. Garcia

Month Day Year

10/12/87

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

DAVID Bunker

Signature

David Bunker

Month Day Year

12/12/87

GENERATOR

TRANSPORTER

FACILITY

for Lockheed Missiles & Space Co.

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #

GENERATOR EPA ID #

C A D 9 B 1 9 8 6 0 8 4

DATE 9-16-87

SHIPPING  
CUSTOMER NAME

Poisonous Liquid, N.O.S. U.N. 2810

DRUM # 888-~~888~~

CHEMICAL NAME

QUANT. & SIZE

ADDITIONAL INFO

2-091687	Unknown Liquid, see Haz Cat Result #2 & #4	1X55	Combustible
----------	---	------	-------------

3-091687	Unknown Liquid, see Haz Cat Result #3	1X55	Combustible
----------	--	------	-------------

5-091687	Unknown Liquid, see Haz Cat Result #4 & #5	1X55	Combustible
----------	---	------	-------------

6-091687	Unknown Liquid, see Haz Cat Result #6	1X55	Combustible
----------	--	------	-------------

7-091687	Unknown Liquid, see Haz Cat Result #7	1X55	Combustible
----------	--	------	-------------

8-091687	Unknown Liquid, see Haz Cat Result #8	1X55	Combustible
----------	--	------	-------------



for Lockheed Missiles & Space Co

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST #

GENERATOR EPA ID #

C A D 9 8 1 9 8 6 0 8 6

DATE 9-16-87

SHIPPING  
CUSTOMER

NAME Hazardous Waste Solid, N.O.S., RFA 9189, OR 11-1

DRUM # 888

CHEMICAL NAME

QUANT. & SIZE

ADDITIONAL INFO

8-1-091687 M.T. Drum: Last Contained Unknown Liquid 1 X 55 M.T. Drum

See HazCat Result # 3

8-4-091687 M.T. Drum: Last Contained Unknown Liquid 1 X 55 M.T. Drum

See HazCat Result # 4

8-9-091687 M.T. Drum: Last Contained Unknown Liquid 1 X 55 M.T. Drum

See HazCat Result # 2

8-10-091687 M.T. Drum: Last Contained Unknown Liquid 1 X 55 M.T. Drum

See HazCat Result # 7

TONER

Lockheed, Marine Division

DATE 09-14-87

ADDRESS

PREPARED BY M. Adams

#	1	2	3	4	5	6	7	8	9	10	11	12	13
OBSERVATION NOTES	Black & Green, 2 phase liquid	2 phase liquid, on the bottom	Single phase, Brackish Brown	2 phase liquid, clear	2 phase, milky white liquid	2 phase clear liquid	Brackish Dark Brown	Brackish Light Brown					
CHLORINATED	N	N	N	N	N	N	N	N					
FLAMMABILITY (3A % of LEL)													
COMBUSTIBILITY	C	C	C	C	N	<del>N</del>	C	C					
SPECIFIC GRAVITY 20 °C ↑ ↓	↑	↑	↑	↑	—	↑	↑	↑					
REACTIVITY	N	N	N	N	N	N	N	N					
SOLUBILITY	Partial	Partial	N	Partial	Partial	Partial	N	N					
PH	7	6	5.5	5.5	7	6	7	6	/				
OXIDANT	N	N	—	N	N	N	—	—					
CYANIDE DETECTION	N	N	N	N	N	N	N	N					
SULFIDES	N	N	N	N	N	N	N	N					
RESULTS: PSN & CATEGORY	Combustible liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison	Poisonous liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison	Combustible liquid, H.O.S. Poison					

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

408-742-7061

B/521

Lockheed Missiles and Space Co.

1111 Lockheed Way B/525 0/47-10

4. Generator's Phone ( )

Sunnyvale, CA 94098-3504

A. State Manifest Document Number

87238060

B. State Generator's ID

HY HQ 36 015662-0015

5. Transporter 1 Company Name

IT San Jose Services

6. US EPA ID Number

C A D 9 8 0 8 8 5 9 2 5

C. State Transporter's ID

801-29

D. Transporter's Phone

408-263-7250

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Bay Area Environmental

1125 Menley Street

Richmond, CA 94804

10. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 9

G. State Facility's ID

TAP000034771

H. Facility's Phone

415-233-8001

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

15. Waste No.

a. Waste Poisonous Liquid, n.o.s.  
Poison E

UN 2810

002

DM

75

G

State

243

EPA/Other 0001

b. Hazardous Waste Solid ORN E NA 9183

002

DM

80

P

State

512

EPA/Other exempt

c. State EPA/Other

d. State EPA/Other

J. Additional Descriptions for Materials Listed Above

A. See attached list

B. See attached list

K. Handling Codes for Wastes Listed Above

b.

c.

d.

15. Special Handling Instructions and Additional Information

Wear glove, goggles and protective clothing

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

James C. Weaver

Signature

James C. Weaver

Month Day Year

10/18/87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Mike [Signature]

Signature

[Signature]

Month Day Year

12/11/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gerardo V Garcia

Signature

Gerardo V Garcia

Month Day Year

10/12/87

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

David Burton

Signature

David Burton

Month Day Year

12/21/87

GENERATOR

TRANSPORTER

FACILITY

CUSTOMER NAME: Lockheed Missiles & Space Co

GENERATOR EPA ID #

C	A	D	9	8	1	6	9	4	5	9	9
---	---	---	---	---	---	---	---	---	---	---	---

DATE: 7-21-87

P.S.N.: Hazardous Waste Solid, NOS, N.A. 9189, 01

[illegible]



for

CUSTOMER NAME: Lockheed - B10 521

CALIFORNIA UNIFORM HAZARDOUS WASTE MANIFEST # \_\_\_\_\_

GENERATOR EPA ID #

C	A	D	9	8	1	6	9	4	5	9	9
---	---	---	---	---	---	---	---	---	---	---	---

DATE:

8-18-87

P.S.N.

~~LA 2810~~Poisonous Liquid, N.O.S. UN 2810

DRUM #

B10 521

CHEMICAL NAME

QUANT. &amp; SIZE

ADDITIONAL

1-686587unknown liquid(See Haz Cat Results)1x5520 ga(combustible)1-091787Unknown Liquid (See Haz Cat Results)1x55full.(combustible)



DRESS 1235 E/KO Dr. S'wale Co. Bld 521 PREPARED BY Mr. Adams

PREPARED BY Mr. Adams

[illegible]









Page 3 of 4HAZARD CLASS: POISON B

Printed Name: JEFF LUCAS

FOOT OF N. PORTSMOUTH AVE.  
P.O. BOX 5007  
PORTLAND, OREGON 97208

Page 2 of 4

DATE PACKAGED: 9/26/87

MANIFEST No.: 87403275

DRUM No.: 116

HAZARD CLASS: Corrosive Liquid

855 June

Printed Name: JEFF LUCAS

[illegible]

**RIEDEL**  
**ENVIRONMENTAL SERVICES, INC.**

**FOOT OF N. PORTSMOUTH AVE.  
P.O. BOX 5007  
PORTLAND, OREGON 97208**

Page 1 of 4

MANIFEST No.: 87403275

HAZARD CLASS: FLAMMABLE LIQUID

Printed Name: JEFF LUCAS

 **RIEDEL**  
**ENVIRONMENTAL SERVICES, INC.**

**FOOT OF N. PORTSMOUTH AVE.  
P.O. BOX 5007  
PORTLAND, OREGON 97208**

**OCTOBER**

## WASTE MANIFEST

C A D 0 0 9 1 2 5 5 3 5 9 8 0 7 2

1 0 1

is not required by Federal law.

3. Generator's Name and Mailing Address

Lockheed Missiles & Space Co.  
1111 Lockheed Way, B/131 O/47-30  
Sunnyvale, CA 94088-3504

A. State Manifest Document Number

87298072

4. Generator's Phone ( )

B. State Generator's ID

H Y H 0 3 6 0 0 1 5 8 6 2 0 0 0 3

5. Transporter 1 Company Name

IT Corp. Transportation San Jose

6. US EPA ID Number

C A D 0 0 0 0 5 8 9 1 7

C. State Transporter's ID

263-7250

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone

415 372-9100

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Henley  
Richmond, CA 94084

10. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 9

G. State Facility's ID

C A T 0 8 0 0 1 4 0 7 9

H. Facility's Phone

(415) 233-8001

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Waste: Flammable Liquid, n.o.s., flammable  
liquid, lab pack, UN 199312. Containers  
No. Type13. Total  
Quantity14. Unit  
Wt/Vol

I. Waste No.

0 1 2 D M 0 2 6 0 0 P

State 331

EPA/Other D001

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a. see attached lists

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

Wear protective clothing, gloves, goggles.

16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Lynton Lee for LOCKHEED

Signature

Lynton Lee

for Lockheed

Month Day Year

09 08 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gerardo V Garcia

Signature

Gerardo V Garcia

Month Day Year

10 10 87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Joe Lynch

Signature

Joe Lynch

Month Day Year

10 10 87

IS 8022 A (1/87)

A 8700-22  
(Rev. 9-86) Previous editions are obsolete.

INSTRUCTIONS ON THE BACK

# Lockheed Missiles & Space Company

Attached List.

Page \_\_\_\_ of \_\_\_\_

7. 11. 1958

Drum Number 51412 Packed By M. G. (G. 2113A-5)

Date of First Accumulation 7-6-81

Generator EPA ID Number.

Uniform Hazardous Waste Manifest Number AK 160731

DOT Proper Shipping Name WASTE FLAMMABLE LIQUID

[illegible]

**One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces**

15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces

20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces



Ende-

Drum Number 01450 Packed By M. Sanchez  
Date of First Accumulation 7-2-87  
Generator EPA ID Number CA0009125535  
Uniform Hazardous Waste Manifest Number AR160731  
DOT Proper Shipping Name Waste Remedial Agent 105

[illegible]

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces  
15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

# Lockheed Missiles & Space Company

## Attached List

Page \_\_\_\_ of \_\_\_\_

rum Number OT 466

Packed By Hendrix

### $\epsilon$ of First Accumulation

7-30-87

Generator EPA ID Number.

CAD 009125535

Uniform Hazardous Waste Manifest Number

AK16073

( T Proper Shipping Name

Flammable

Liquid  $\text{NO}_2$

FAISUO

[illegible]

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces  
5 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

Attached List  
Page 1 of 1

ENSCD

Packed By M. GALIGARD~~7-9-57~~

CAD'009125535

AR16073

41AST6 FLAMMABLE LIQUID NOS

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces



Attached List  
Page 1 of 1

ENSCO

Packed By M-GARIB4C01

7-6-87

CAD009125535

AK160731

WASTE FLAMMABLE LIQUID

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces  
15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

Attached List  
Page \_\_\_\_ of \_\_\_\_

[illegible]

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

# Lockheed Missiles & Space Company

Attached List 13  
Page 1 of 1

Drum Number OTS81 Packed By M. GARIBAY  
Date of First Accumulation 7-13-87  
Generator EPA ID Number CAD009125535  
Uniform Hazardous Waste Manifest Number MT160731  
DOT Proper Shipping Name WASTE FLAMMABLE LIQUID NOS

Chemical Type	Quantity	Other Information
ADHESIVE SILICONE 5529/SRC18	20X 4oz	PTA
ADHESIVE SILICONE 5529/SRC18	18X 4oz	PT, B
INDEPENDENT INK INC. WHITE INK	1X 1qt	
EPOXY ADHESIVE	4X 8oz	
LYSOL 0151 RESIN	5X 1pt	
EPOXY ADHESIVE PTA	13X 4oz	
EPOXY ADHESIVE PTB	13X 2oz	
LYSOL PC29M PTA	1X 1qt	
LYSOL PC29M PTB	1X 1qt	
FURAN RESIN	3X 1qt	
IC 1204 PRIMER	8X 4oz	
MAGNOLIA ADHESIVE	2X 1qt	
LYSOL CAT-LINK	2X 1qt	
EPOCAST EPOXY HARDENER	1X 1qt	
EPOXY HARDENER	7X 8oz	
CALCOM GRAPHIC DESIGN SOLDER MASK	5X 1gal	
CHEM GLAZE METAL CONDITIONING	1X 1gal	
LYSOL EA 934	10X 8oz	
POLYURETHANE CURING AGENT	5X 8oz	
ADHESIVE EPOXY KIT (EPIBOND)	80X 1/2oz	
BIPAX EPOXY KIT	39X 1/2oz	

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces  
15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

# Lockheed Missiles & Space Company

Attached List,  
Page \_\_\_\_ of \_\_\_\_

Form Number OT 582 Packed By Hendrix  
 Date of First Accumulation 7/7/87  
 Generator EPA ID Number CAD009125535  
 Uniform Hazardous Waste Manifest Number 17160731  
 DOT Proper Shipping Name Waste flammable liquid, n.o.s.

Chemical Type	Quantity	Other Information
Versamid 125 Polyamide Resin	8 x 1qt	
Chem Tech Polyamide EPOXY	2 x 1qt	
Resin EPOXY	10 x 1qt	
Hardner (Activator)	7 x 1qt	
STRUCTURAL ADHESIVE	11 x 1qt	
Corrosion INHIBITIVE Sealant	7 x 1qt	(PRC)
Chemglaze Thinner	2 x 1qt	
Chemglaze #276 Primer	1 x 1qt	
Chemglaze #302 Primer	1 x 1qt	
ADVANCED Primer	1 x 1qt	
Hysol CAT-L-TXII	2 x 1qt	
ADVANCED Primer ENAMEL	2 x 1qt	
A Z R Galvanizing compound	1 x 1qt	Primer zinc
ENAMEL white	2 x 1qt	
Chemglaze EPOXY Primer	1 x 1qt	
Glyptal ENAMEL Paint	1 x 1qt	
EPOXY Polyamide	1 x 1qt	

One gallon = 4 quarts = 8 pints = 16 cups = 128 ounces  
 15 gallons = 60 quarts = 120 pints = 240 cups = 1920 ounces

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
 20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces



Attached List,  
Page \_\_\_\_ of \_\_\_\_.

[illegible]

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

Attached List  
Page 1 of 1

[illegible]

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

Attached List  
Page \_\_\_\_ of \_\_\_\_

[illegible]

10 gallons = 40 quarts = 80 pints = 160 cups = 1280 ounces  
20 gallons = 80 quarts = 160 pints = 320 cups = 2560 ounces

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

C A D 9 8 1 6 2 7 3 8 3

Manifest Document No.

0 0 0 1

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Ion Systems Inc.  
2541 10th St., Berkeley, CA 94710  
4. Generator's Phone (415) 540-0446

A. State Manifest Document Number

87041738

B. State Generator's ID

H A H Q 3 6 0 2 0 9 2 8

5. Transporter 1 Company Name

Ion Systems Inc.

6. US EPA ID Number

E X E M P T

C. State Transporter's ID

D. Transporter's Phone 415-540-0446

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Bay Area Environmental  
1125 Hensley St.  
Richmond, CA 94801

10. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 9

G. State Facility's ID

H. Facility's Phone

415-233-8001

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

a. Waste Methyl Ethyl Ketone, Flammable, UN #1193

9 9 1 D M 0 0 0 0 5 G

State 212

EPA/Other D001

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

Waste MEK

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

Store in cool area.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

CHARLES E SANCHEZ

Signature

*Charles E Sanchez*

Month Day Year

11 01 07 18 17

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

CHARLES E SANCHEZ

Signature

*Charles E Sanchez*

Month Day Year

11 01 07 18 17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Joe Lynch

Signature

*Joe Lynch*

Month Day Year

11 01 07 18 17

CALL THE NATIONAL RESPONSE CENTER 1 800 424 6862, EXTENSION 1000 FOR EMERGENCY AND SPILL CASES

GENERATOR

TRANSPORTER

FACILITY

**Q-2**

**OUTGOING MANIFESTS  
MAY AND JULY - SEPTEMBER**

**MAY**

use print or type. (Form designed for use on elite (12-pitch) typewriter.)

Job # 140228

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAT080014079	Manifest Document No. 18712	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address RAY AREA ENVIRONMENTAL 125 HENSLEY ST. RICHMOND, CA 94804 (415) 233-8001				A. State Manifest Document Number 86490647	
6. Transporter 1 Company Name T. TRANSPORTATION, C* MARTINEZ				B. State Generator's ID B.O.R.# HAHQ36018952	
8. US EPA ID Number CAD000058917				C. State Transporter's ID 706331	
7. Transporter 2 Company Name				D. Transporter's Phone 5--372-9100	
8. US EPA ID Number				E. State Transporter's ID	
10. US EPA ID Number CAD000094771				F. Transporter's Phone	
Designated Facility Name and Site Address T. CORPORATION, MARTINEZ FACILITY 896 WATERBIRD WAY MARTINEZ, CA. 94553				G. State Facility's ID CAD0000633115	
				H. Facility's Phone 415-372-9100	

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S. UN2924	001 TT	1100	G	(D001) 291,221

J. Additional Descriptions for Materials Listed Above HCVP@9000, Ammonia@50ppm, solids@15%, Polar@3%, non-polar@20%, OIL@52%, LEAD@2,100ppm, Chromium@6-680ppm * (CN) detected	K. Handling Codes for Wastes Listed Above 14 (600-1100) EF
--	--

I.T. CORPORATION  
 SAN JOSE TRANSFER FACILITY  
 3010 Zanker rd.  
 SAN JOSE, CA. 95035 EPA#CAD000633115  
 AT000646117  
 see attached Transfer manifest# DRMO FT. ORD 86490627  
 avoid skin contact, wear protective clothing, handling. waste code# D001

**GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name Joe Lynch	Signature [Signature]	Month Day Year 01/12/88
17. Transporter 1 Acknowledgement of Receipt of Materials [Signature] 183-291-✓ [Signature] 421 RICHARDSON DOT-G-7476		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year		

Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		
Printed/Typed Name KEITH A. CARTER	Signature [Signature]	Month Day Year 05/01/87

**JULY**





Approved OMB No. 2050-0022 (Expires 9-30-88)  
Please print or type. (Form designed for use on elite (12-pitch typewriter).)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAT 08001407900011	Manifest Document No. 00011	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Bay Area Environmental 1125 Hensley Street, Richmond, CA 94801			A. State Manifest Document Number 87041649		
4. Generator's Phone ( )			B. State Generator's ID H A H Q 3 6 0 1 8 9 5 2		
5. Transporter 1 Company Name Pom's Barrel Company		6. US EPA ID Number CAT 000611210		C. State Transporter's ID 80116680167	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 415-233-7173	
9. Designated Facility Name and Site Address Casamia Resources NTU Road Casamia R, CA 93429		10. US EPA ID Number C A D 0 2 0 7 4 0 1 2 3		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone 805-937-8449	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Drums 1-47 Hazardous Waste, Solid, N.O.S., NA #9189			0, 4, 7 DM	0, 2, 1, 1, 50	P
b. Drums 48-69638 Liquid UN #1993 Waste Paint related materials, N.O.S., Flammable			0, 1, 7 DM	4, 000 4, 250	P
c. Return To Generator					
d.					
J. Additional Descriptions for Materials Listed Above See Attached Sheet 5464 5936 5424 5934			K. Handling Codes for Wastes a. b. c. d.		
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Joe Lynch			Signature [Signature]		Month Day Year 10/21/87
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Tom Rose JR			Signature Tom Rose JR		Month Day Year 10/21/87
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Casamia Resources			Signature Gennio Fraloy		Month Day Year 10/23/87

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

C A T 0 8 0 0 1 4 0 7 8

Manifest  
Document No.

0 0 0 1

2. Page 1

of 1

Information in the shaded areas  
is not required by Federal law.

## 3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley Street, Richmond, CA 94801  
4. Generator's Phone ( 415 233-8001

## 5. Transporter 1 Company Name

J. J. Magana

## 6. US EPA ID Number

I C A I D 0 0 0 0 6 1 2 8 5 7 8

## 7. Transporter 2 Company Name

## 8. US EPA ID Number

## 9. Designated Facility Name and Site Address

Romic Chemical Co.  
2081 Bay Road  
E. Palo Alto, CA

## 10. US EPA ID Number

I C A I D 0 0 0 9 4 1 5 1 2 6 5 7

## A. State Manifest Document Number

87041652

## B. State Generator's ID

H A H 0 3 6 0 1 8 9 5 2

## C. State Transporter's ID

0 0 1 4 9 6 5

## D. Transporter's Phone

415-235-9422

## E. State Transporter's ID

## F. Transporter's Phone

## G. State Facility's ID

C A D 0 0 9 4 5 2 6 5 7

## H. Facility's Phone

415 324-1638

## 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Waste Flammable Liquid, N.O.S., UN 1993

12. Containers  
No. Type

0 1 0 1 T T

13. Total  
Quantity

1 1 0 0 0

14. Unit  
Wt/Vol

G

## Waste No.

214

EPA/Other

0001

b.

c.

d.

## J. Additional Descriptions for Materials Listed Above

Petroleum distillates, hydrocarbon solvents & mineral  
spirits.

## K. Handling Codes for Wastes Listed Above

a. 01

c.

d.

## 15. Special Handling Instructions and Additional Information

wear protective gear

## 16.

**GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

## Printed/Typed Name

Joe Lynch

## Signature

Joe Lynch

## Month Day

10 7 24

## 17. Transporter 1 Acknowledgement of Receipt of Materials

## Printed/Typed Name

DENNIS TSURUMOTO

## Signature

Dennis Tsurumoto

## Month Day

1 7 24

## 18. Transporter 2 Acknowledgement of Receipt of Materials

## Printed/Typed Name

## Signature

## Month Day

## 19. Discrepancy Indication Space

## 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

## Printed/Typed Name

GREG ELLISON

## Signature

Greg Ellison

## Month Day

10 7 24

8041030

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL

GENERATOR

TRANSPORTER

FACILITY

## WASTE MANIFEST

C A T I 0 8 1 0 1 1 4 0 7 9 0 0 0 1 1

Document No.

of 1

Information in the shaded area is not required by Federal law

## 3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley Street, Richmond, Ca 94801

## 4. Generator's Phone ( )

## 5. Transporter 1 Company Name

I. T. Transportation

## 6. US EPA ID Number

C A I D 0 1 0 1 0 1 5 1 8 9 1 1 7

## 7. Transporter 2 Company Name

## 8. US EPA ID Number

## 9. Designated Facility Name and Site Address

Casmalia Resources  
NTU Road  
AKCasmalia, CA 93429

## 10. US EPA ID Number

I C I A D 0 2 0 7 4 8 1 2 5

## A. State Manifest Document Number

87041650

## B. State Generator's ID

H I A H I 0 2 6 0 1 1 8 9 5 2 1

## C. State Transporter's ID

201635

D. Transporter's Phone

415-372-9100

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

805-937-8449

## 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

## 12. Containers

No. Type

## 13. Total Quantity

## 14. Unit

Wt/Vol

## 15. Waste No

a.

Waste Poison B Liquid, N.O.S., UN 2810

01011 DM

11250 P

State

221

EPA/Other

DOC

b.

c.

d.

## J. Additional Descriptions for Materials Listed Above

(see attached sheet)

## K. Handling Codes for Wastes Listed Above

a. b. c. d.

## 15. Special Handling Instructions and Additional Information

wear gloves and boots

## 16.

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

## Printed/Typed Name

Joe Lynch

## Signature

Joe Lynch

## Month Day Year

10/7/22

## 17. Transporter 1 Acknowledgement of Receipt of Materials

## Printed/Typed Name

Jim Zeagan

## Signature

Jim Zeagan

## Month Day Year

10/7/22

## 18. Transporter 2 Acknowledgement of Receipt of Materials

## Printed/Typed Name

## Signature

## Month Day Year

## 19. Discrepancy Indication Space

## 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

## Printed/Typed Name

## Signature

## Month Day Year

## WASTE MANIFEST

CATA 08.00 1497700001

Document No.

1 of 1

Information in the shaded areas is not required by Federal law.

## 3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley Street Richmond, 94801

4. Generator's Phone 415 233-8001

## A. State Manifest Document Number

87041645

## B. State Generator's ID

HAHQ36918952

## 5. Transporter 1 Company Name

T.T. Transportation

## 6. US EPA ID Number

CAD 000094771

## C. State Transporter's ID

801613

## D. Transporter's Phone 415 228-5100

## 7. Transporter 2 Company Name

## 8. US EPA ID Number

## E. State Transporter's ID

## F. Transporter's Phone

## 9. Designated Facility Name and Site Address

I.T. Corporation Martinez Facility  
896 Waterbird Way  
Martinez, CA 94553

## US EPA ID Number

CAD 000094771

## G. State Facility's ID

415 228-5100

## H. Facility's Phone

## 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

## 12. Containers

No.

Type

## 13. Total Quantity

## 14. Unit

Wt/Vol

## 15. Waste No.

a.	HAZARDOUS Waste, Liquid, No. name	001	TT	2320	G	State 343
b.						EPA/Other Exempt
c.						State
d.						EPA/Other

## J. Additional Descriptions for Materials Listed Above

Mixed non-halogenated organic liquids

## K. Handling Codes for Wastes Listed Above

a. b. c. d.

## 15. Special Handling Instructions and Additional Information

wear gloves &amp; boots 4000 mg/kg.

## 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

## Printed/Typed Name

Joe Lynch

## Signature

Joe Lynch

## Month Day Year

10/7/1987

## 17. Transporter 1 Acknowledgement of Receipt of Materials

## Printed/Typed Name

HARRY GREGORY 145/277V

## Signature

Harry Gregory PHB

## Month Day Year

10/7/1987

## 18. Transporter 2 Acknowledgement of Receipt of Materials

## Printed/Typed Name

## Signature

## Month Day Year

## 19. Discrepancy Indication Space

NOTE: MATERIAL returned to original generator 7/23/87.  
MATERIAL re-manifested 7/23/87 see manifest # AR 11147.

## 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

## Printed/Typed Name

DAVID BUNTON

## Signature

David Bunton

## Month Day Year

10/7/23/87

**AUGUST**



Please print or type. (Form designed for use on elite (12-pitch typewriter).)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAT 0800140799991		Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Bay Area Environmental 1125 Hensley Street, Richmond, CA 94801					A. State Manifest Document Number 87041680		
4. Generator's Phone ( )					B. State Generator's ID HIAHQ36018952		
5. Transporter 1 Company Name Bay Area Environmental					C. State Transporter's ID 8104842801464		
6. US EPA ID Number CAT 080014079					D. Transporter's Phone 415-233-8001		
7. Transporter 2 Company Name					E. State Transporter's ID		
8. US EPA ID Number					F. Transporter's Phone		
9. Designated Facility Name and Site Address Solvent Services Inc. 1021 Berryessa Road San Jose, CA 95133					G. State Facility's ID CADDOS9494310		
10. US EPA ID Number CAID0159494310					H. Facility's Phone 408-286-6446		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. RQ (1) Waste Flammable Liquid, N.O.S., K Flammable Liquid UN 1993				003 DIM	17165	G	State 211 EPA/Other D001
b. Waste Trichloroethane, N.O.S., ORM-A UN 2831				001 DIM	585	G	State 211 EPA/Other F001
c.							State EPA/Other
d.							State EPA/Other
J. Additional Descriptions for Materials Listed Above Organic solvents contaminated with methylenechloride & trichloroethane solvents include MEK, alcohols, acetates, hydrocarbons					K. Handling Codes for Wastes Listed Above a. 99 b. 99 c. d.		
15. Special Handling Instructions and Additional Information Keep away from open flame.					99/01/06 99/01/06		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Joe Lynch				Signature Joe Lynch		Month Day Year 10 8 21 87	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Greg Reed		Month Day Year 10 8 21 87	
Printed/Typed Name Greg Reed				Signature Greg Reed		Month Day Year 10 8 21 87	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.							
Printed/Typed Name Katie Knuth				Signature Katie Knuth		Month Day Year 10 8 21 87	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA110801011410796010101</b>		Manifest Document No.		2. Page 1 of 1		Information in the shaded area is not required by Federal law.					
3. Generator's Name and Mailing Address <b>BAY AREA ENVIRONMENTAL 1125 Hensley Street Richmond CA 94804</b>						A. State Manifest Document Number <b>87041376</b>							
4. Generator's Phone (415) <b>233-0201</b>						B. State Generator's ID <b>11A110131601189152</b>							
5. Transporter 1 Company Name <b>I.T. TRANSPORTATION</b>			6. US EPA ID Number <b>CA1101010101509117</b>			C. State Transporter's ID <b>30112009</b>							
7. Transporter 2 Company Name			8. US EPA ID Number			D. State Transporter's ID <b>1152123100415233</b>							
9. Designated Facility Name and Site Address <b>I.T. CORPORATION MARTINEZ 896 WATERBIRD WAY MARTINEZ, CA 94553</b>						E. State Facility's ID <b>CA000409477</b>							
10. US EPA ID Number <b>CA1101010101914771</b>						F. Facility's Phone <b>415 228-5100</b>							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit		15. Waste	
						No. Type		Quantity		Wt/Vol		State	
a. <b>Waste, Battery Fluid, Acid (CORROSIVE MATERIAL)</b>						UN 2796		35		1100 G		7	
b.												EPA/Other	
c.												State	
d.												EPA/Other	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
Waste Battery Acid						a. 15/06							
REF. MN# 87087378						b.							
15. Special Handling Instructions and Additional Information						c.							
Wear acid suits + gloves + goggles						d.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.													
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Printed/Typed Name						Signature				Month Day			
* Joe Lynch						[Signature]				10/8/82			
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature				Month Day			
* T. T. SUND						[Signature]				10/8/82			
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature				Month Day			
Printed/Typed Name						Signature				Month Day			
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature				Month Day			
* SUE DOUGLAS						[Signature]				10/8/82			

87041676

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY



# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

CA T 0 8 0 0 1 4 0 7 9

Manifest Document No.

0 0 0 1

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley Street, Richmond, CA 94801

4. Generator's Phone ( )

5. Transporter 1 Company Name

Bay Area Environmental

6. US EPA ID Number

CA T 0 8 0 0 1 4 0 7 9

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Barron Blakeslee  
8333 Enterprise Drive  
Newark, CA

10. US EPA ID Number

CA D 0 7 4 6 4 4 6 5 9

A. State Manifest Document Number

87041679

B. State Generator's ID

HAHQ36018952

C. State Transporter's ID

810464/201464

D. Transporter's Phone 415-233-8001

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

415-794-6511

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. HAZARDOUS WASTE LIQUID, N.O.S. ORM-E NA# 9189  
~~Waste Chlorinated Fluorocarbons, N.O.S., ORM-A NA #1693~~

12. Containers  
No. Type

1 1 D M

13. Total Quantity

15 G

14. Unit Wt/Vol

G

I. Waste No.

State 211  
EPA/Other F001

J. Additional Descriptions for Materials Listed Above

Waste freon with silicon oil

K. Handling Codes for Wastes Listed Above

a. 01 b. c. d.

15. Special Handling Instructions and Additional Information

wear protective clothing

16.

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Printed/Typed Name

Joe Lynch

Signature

Joe Lynch

Month Day Year

08 21 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Greg Reed

Signature

Greg Reed

Month Day Year

08 21 87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

JOHN VERA

Signature

John Vera

Month Day Year

10 8 12 18

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

BAY AREA ENVIRONMENTAL  
1125 HENLEY  
RICHMOND, CA 94804

4. Generator's Phone (415) 233-8001

5. Transporter 1 Company Name

UNIVERSAL ENGINEERING

6. US EPA ID Number

CA1108100114079

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

U.S. Pollution Control Inc. Grassy Mtn. Facility #4  
3 miles east, 7 mile north, Exit 41, Highway I-50  
CLIVE, UT

10. US EPA ID Number

UT1109810635890

State Manifest Document Number

87605954

State Generator's ID

CA1108100114079

State Transporter's ID

707648

State Transporter's Phone

707-746-6699

State Facility's ID

N/A

State Facility's Phone

801 534 0054

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. WASTE CORROSIVE LIQUID (D002) CORROSIVE MATERIAL UNITS

12. Container No.

56

13. Total Quantity

18.58 GT

14. Unit Wt/Vol

GT

15. Waste No.

792

b. WASTE CORROSIVE LIQUID (D002) CORROSIVE MATERIAL UNITS

56

18.58

GT

792

c. WASTE CORROSIVE LIQUID (D002) CORROSIVE MATERIAL UNITS

56

18.58

GT

792

d. WASTE CORROSIVE LIQUID (D002) CORROSIVE MATERIAL UNITS

56

18.58

GT

792

12. Additional Descriptions for Materials Listed Above

a) WASTE ACID - 31 DRUMS LAB PACK (7096) GM87-2252  
16 DRUMS (6250) GM87-2253  
9 to 10 drums (16246) GM87-2254

Handling Codes for Wastes Listed Above

TRT  
DSP  
99  
03

15. Special Handling Instructions and Additional Information

CAUTION: AVOID INTALATION INGESTION OR SKINCONTACT: WEAR PROTECTIVE SAFETY GEAR WHEN HANDLING

16.

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Printed/Typed Name

Joe Lynch

Signature

Joe Lynch

Month Day Year

11/18/2018

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Delbert Casabalt

Signature

Delbert Casabalt

Month Day Year

11/22/18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

DENISE L. REES

Signature

Denise L. Rees

Month Day Year

10/31/18

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Bay Area Environmental  
 1125 Hensley  
 Richmond, CA 94804

A. State Manifest Document Number

87005934

B. State Generator's ID

CA 10800140791

4. Generator's Phone

(415) 233-8001

6. US EPA ID Number

CA 101613547996

C. State Transporter's ID

700639

D. Transporter's Phone

408-268-1196

7. Transporter 2 Company Name

9. Designated Facility Name and Site Address

U.S. Pollution Control, Inc.  
 Crossy Mt. Facility, 3 miles East, 7 miles North Knolls Exit I-80  
 Clive, UT

10. US EPA ID Number

UT 109113101748

G. State Facility's ID

UT 109113611748

H. Facility's Phone

801-534-0054

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
 No. Type

13. Total Quantity

14. Unit Wt/Vol

1. Waste No.

a. Waste Poison B, liquid, n.e.s.

Poison B

UN2810

0119 DIM 010915KG

State

711

EPA/Other

P104

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) Silver and Copper Cyanide solutions, P029  
 FH Permit # 2-8993

DOXSO lines 9, 11, 11 DOX91 line 77

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

Caution: use adequate protective gear when handling

16.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

**SEPTEMBER**

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

C A T 0 8 0 0 1 4 0 7 9 0 1 0 1 1

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley St., Richmond, CA 94801

4. Generator's Phone (415) 233-3001

5. Transporter 1 Company Name

Bay Area Environmental

6. US EPA ID Number

C A T 0 8 0 0 1 4 0 7 9

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Solvent Services Inc.  
1021 Berryessa Road  
San Jose, CA 95133

10. US EPA ID Number

C A D 0 5 9 4 9 8 3 1 0

A. State Manifest Document Number

01041708

B. State Generator's ID

H A H 0 3 6 0 1 8 9 5 2

C. State Transporter's ID

801464

D. Transporter's Phone 415-233-8001

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

C A D 0 5 9 4 9 4 3 1 0

H. Facility's Phone

408-286-6446

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

1. Waste No.

a. (RQ (1)) (UN 1993)  
Waste Flammable Liquid, N.O.S., Flammable Liquid

111

DRM

550

G

State 212

EPA/Other D001

b.

111

111

111

111

State

EPA/Other

c.

111

111

111

111

State

EPA/Other

d.

111

111

111

111

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

1-7 Petroleum distillates/Methanol  
8-11 Methyl Isobutyl Ketone

K. Handling Codes for Wastes Listed Above

a. 99

c.

d.

15. Special Handling Instructions and Additional Information

Keep away from open flame.

99/01/06

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Printed/Typed Name

David Burton

Signature

David Burton

Month Day Year

01/12/87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Greg Reed

Signature

Greg Reed

Month Day Year

01/22/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

11/11/11

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

AKRAM S. ABDELMASSIH

Signature

Akram S. Abdelmassih

Month Day Year

01/22/87

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS  
WASTE MANIFEST

C I A T 0 8 0 0 1 4 0 7 9 0 0 0 1 1

Document No.

of

1 is not required by Federal law.

## 3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley, Street, Richmond, CA 94801

## 4. Generator's Phone ( )

## A. State Manifest Document Number

87041682

## B. State Generator's ID

H I A H Q 3 6 0 1 8 9 5 2 1

## 5. Transporter 1 Company Name

L.T. Transportation

## 6. US EPA ID Number

1 0 7 A D 0 0 0 0 1 5 1 8 9 1 1 7

## C. State Transporter's ID

801624

## D. Transporter's Phone

415-372-9100

## 7. Transporter 2 Company Name

## 8. US EPA ID Number

## E. State Transporter's ID

## F. Transporter's Phone

## 9. Designated Facility Name and Site Address

Casualia Resources

NTU Road

Casualia, CA 93429

## 10. US EPA ID Number

1 G A D 0 2 0 7 4 0 1 2 5

## G. State Facility's ID

G A D 0 2 0 7 4 0 1 2 5

## H. Facility's Phone

805-937-8449

## 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

## 12. Containers

No.

Type

## 13. Total Quantity

## 14. Unit Wt/Vol

## I. Waste No.

a. **FLAMMABLE LIQUID**

Waste Flammable Liquid, Corrosive, N.O.B., UN 2924

0 0 2 D M

1 4 0 0

P

State 343

EPA/Other 0001/0002

b. State

EPA/Other

c. State

EPA/Other

d. State

EPA/Other

## J. Additional Descriptions for Materials Listed Above

See attached sheets and lab analysis.

## K. Handling Codes for Wastes Listed Above

a. 03

b.

c.

d.

## 15. Special Handling Instructions and Additional Information

Avoid inhalation &amp; skin contact

ORIGINAL SHIPMENT REC'D ON MANIFEST # 86500011

CAS REJECTED ON  
MANIFEST # 87041685

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## Printed/Typed Name

Joe Lynch

## Signature

Joe Lynch

## Month Day Year

09 10 29 97

## 17. Transporter 1 Acknowledgement of Receipt of Materials

## Printed/Typed Name

GARY RICHARDSON

## Signature

Gary Richardson

## Month Day Year

10 09 31 97

## 18. Transporter 2 Acknowledgement of Receipt of Materials

## Printed/Typed Name

## Signature

## Month Day Year

## 19. Discrepancy Indication Space

## 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

## Printed/Typed Name

# 175250-32 1046 Casualia Resources / NTU Road / Casualia, CA 93429

## Signature

Joe Lynch

## Month Day Year

10 10 31 97

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

CA 110181010114101719

Manifest Document No.

000011

Page of

1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Bay Area Environmental  
1125 Hensley Street, Richmond, CA 94801

4. Generator's Phone ( )

415 233-8001

5. Transporter 1 Company Name

Tom's Barrel

6.

US EPA ID Number

CA 110100061112110

7. Transporter 2 Company Name

8.

US EPA ID Number

9. Designated Facility Name and Site Address

Casmalia Resources  
NTU Road  
Casmalia, CA 93429

10.

US EPA ID Number

CA 11010121017140125

A. State Manifest Document Number

01041700

B. State Generator's ID

HAHQ3A018442

C. State Transporter's ID

80467-80166

D. Transporter's Phone

223-5012

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

CA 11010120748125

H. Facility's Phone

805-937-8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

a. Originals 1-25, 27-46  
Hazardous waste solid N.O.S., ORM-E, NA 8190 NA 4189

0415

DM

1201500

P

State 272

EPA/Other N/A

b. (Tab Pack) - Drugs 67-75  
Waste Paint Related Materials, Combustible Material, NA 1263

01019

DM

1401010

P

State 612

EPA/Other 8001 N/A

c. Originals 63-66  
Waste Corrosive Solid N.O.S., UN 1759

114

DM

1201010

P

State 123

EPA/Other N/A

d. Originals 47-62  
Waste Poison B Solid, N.O.S., UN 2811

116

P

1501010

P

State 241

EPA/Other N/A

J. Additional Descriptions for Materials Listed Above

Line Item B should be Line Item D  
# 40-42, Item A, 15 gal each  
Poison Plazmol

K. Handling Codes for Wastes Listed Above

a. 03

b. 03

c. 03

d. 03

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

David Burton

Signature

David Burton

Month Day Year

10/9/10/92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

John T. Diskin

Signature

John T. Diskin

Month Day Year

10/9/11/87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

At line item 'a' should read Waste Paint Related Materials, NA 1263  
Line item 'b' should read Hazardous waste solid, N.O.S., UN 1759  
OK'd by VAL

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Casmalia Resources (Casmalia Resources)

Signature

Month Day Year

10/1/14/87

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## 2-Way Memo

## INSTRUCTIONS

Use routing symbols whenever possible.

## SENDER (Originator of message):

Use brief, informal language.

Conserve space.

Forward original and one copy.

## RECEIVER (Replier to message):

Reply below the message, keep one copy, return one copy.

Subject: Overview Investigation at Bay Area  
Environmental - A State permitted Hazardous  
Waste Facility.

To : Phil Bobel, Chief  
Toxics and Waste Programs Branch

DATE OF MESSAGE	ROUTING SYMBOL
3/27/84	T-2
SIGNATURE OF ORIGINATOR	
Daniel Shane	
TITLE OF ORIGINATOR	
Field Investigator	

FOLD INITIAL MESSAGE FOLD

Enclosed is an inspection report for Bay Area Environmental, Richmond, California. The facility was inspected as part of our State overview program.

The inspection disclosed little activity at the site. According to the operator, a local citizens group has filed a lawsuit claiming that the facility was issued a permit in violation of the local zoning laws. The operator has suspended the hiring of employees and will not actively search for new customers until settlement of the lawsuit.

The drum storage areas are well constructed and are equipped with several safety features ( roof, walls, berms, sealed floors, fire walls). Safety and emergency equipment were checked and found to be in good operating condition. No violations observed.

REPLY MESSAGE  
 Hopefully the ~~the~~ HWDMS insp/marking  
 system records date of insp. no violations.  
 Done it? - Files  
 I have reviewed Shane's inspection report. I agree that  
 no violations were observed. Recommend case be closed  
 and report filed.

Q.B.  
4/3/84

From : Daniel Shane, Field Inspections Section T-3-2  
 thru: Bob Mandel, Chief, Field Inspections Section  
 Kathleen Shimmin, Chief, Field Operations Branch

DATE OF REPLY	ROUTING SYMBOL
SIGNATURE OF REPLIER	
TITLE OF REPLIER	

INSPECTION REPORT

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 9

TOXICS AND WASTE MANAGEMENT DIVISION

FIELD OPERATIONS BRANCH

Purpose: Overview Investigation of State  
Permitted Hazardous Waste Facility

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

EPA ID Number: CAT080014079

Report Number: R(84)E082

Date of Inspection: March 6, 1984

EPA Inspector: Daniel M. Shane  
Environmental Protection Specialist  
Field Inspections Section

State Inspector: Charlene Williams  
California Department of Health Services

Facility Representatives: Bill Wahbeh  
President  
(415) 235-9422

Report Prepared By: Daniel M. Shane

## BACKGROUND

On August 2, 1983 DOHS granted Bay Area Environmental (BAE) a Hazardous Waste Facility Permit.

The primary objective of the inspection was to evaluate the facility's compliance with the conditions of their permit (Attachment 1).

## INVESTIGATION

### Process Description

BAE operates as a storage/transfer facility for hazardous waste. The facility receives waste from householders and small quantity generators, and transports it to Class I disposal facilities.

At the time of the inspection BAE was accepting small containers from households. Small containers were placed in 55-gallon drums, absorbent material was added as a filler and the drums were placed in the designated drum storage areas. Each drum is equipped with a drum packing slip (Attachment 2) that identifies the contents of the drum.

The inspection revealed little activity at the site and only one truck load of containerized waste has been transferred to a Class I disposal site since they began accepting waste on September 9, 1983.

### Inventory of Waste

<u>Location</u>	<u>Quantity</u>	<u>Container Size</u>
Flammable waste storage area	5	five gallon containers
Caustic waste storage area	15	one gallon containers in 55-gallon drum
Acid waste storage area	5 1/2 drum	five gallon containers lab packs in 55-gallon drum

## SUMMARY

The inspection disclosed that the facility was operating in accordance with the conditions of their permit.

## DEPARTMENT OF HEALTH SERVICES

2151 BERKELEY WAY  
BERKELEY, CA 94704  
(415) 540-2043

Attachment 1

Facility: Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

Hazardous Waste Facility Permit

Number: CAT 080014079

Effective Date:

Expiration Date:

Operator: J.J. Magana Corporation  
P.O. Box 579  
San Pablo, CA 94806

Pursuant to Section 25200 of the California Health and Safety Code, this Hazardous Waste Facility Permit is hereby granted to Bay Area Environmental subject to the conditions set forth in Attachment A which by this reference is incorporated herein.

Richard P. Wilcoxon, Chief  
Toxic Substances Control Division

Date:

## ATTACHMENT A

### **Hazardous Waste Facility Permit**

Bay Area Environmental  
1125 Hensley Street  
Richmond, CA 94804

#### **I. DESCRIPTION OF FACILITY**

##### **1. Ownership, Operations, and Location**

Bay Area Environmental is developing a transfer station in Richmond, California, Contra Costa County. The facility will collect, receive, and store containerized hazardous wastes from householders and industrial establishments before transferring the wastes to a Class I disposal site. Wastes will be recycled whenever possible.

##### **2. Compliance with California Environmental Quality Act**

A Negative Declaration has been prepared for this project and approved by the California State Department of Health Services on June 27, 1983 in accordance with the California Environmental Quality Act.

#### **II. GENERAL CONDITIONS**

##### **1. Effect of Permit**

The owner or operator is permitted to store and handle hazardous wastes in accordance with the conditions of this permit. Any storage and/or handling of hazardous wastes not authorized in this permit is prohibited. Compliance with this permit constitutes compliance, for purposes of enforcement, with the provisions of the California Health and Safety Code, including Chapter 6.5, Division 20, and with the minimum Standards for Management of Hazardous and Extremely Hazardous Wastes (Chapter 30, Division 4, Title 22, California Administrative Code). Issuance of this permit does not convey property rights of any sort or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of federal, state, or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any action brought under any other law governing protection of public health or the environment for any imminent and substantial endangerment to human health or the environment.

##### **2. Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause as specified in Sections 122.15, 122.16, and 122.17, Title 40, Code of Federal Regulations (CFR), or at the discretion of the California State Department of Health Services in order to protect public health or the environment. A new facility permit condition or a modification of an existing facility permit condition shall become effective on the date that written notice of such change is received by the owner or operator. The filing of a request for

a permit modification, revocation and reissuance, or termination or the modification of planned changes or anticipated noncompliance on any part of the owner or operator does not stay the applicability or enforceability of any permit condition.

3. Need to Halt or Reduce Activity

It shall not be a defense for the owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

5. Operation Plan

The owner or operator must submit to the California State Department of Health Services an operation plan. By the issuance of this permit, this operation plan, dated April 11, 1983, subsequent revisions and as amended by a letter dated June 10, 1983, are hereby approved. The plan shall be maintained at the facility at all times until closure is completed. This operation plan and any subsequent revisions and amendments thereof, subject to the approval of the California State Department of Health Services, are by this reference made part of this permit. Specific sections of the operation plan are referenced elsewhere in this permit. If there are inconsistencies between the permit and the operation plan the permit supercedes the operation plan.

6. General Responsibilities of Operator

(a) Compliance

The owner or operator shall comply with all conditions of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any permit noncompliance constitutes grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application.

(b) Reapplication

If the owner or operator wishes to continue an activity regulated by this permit after the expiration date of this permit, the owner or operator must submit a completed application for a new permit at least 180 days before this permit expires.

(c) Permit Expiration

This permit and all conditions therein will remain in effect beyond the permit expiration or termination date if the owner or operator

has submitted a timely, completed application and, through no fault of the owner or operator, the California State Department of Health Services has not issued a new permit.

(d) Mitigation

The owner or operator shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

(e) Operations and Maintenance

The owner or operator shall at all times properly operate and maintain all facilities of storage and control (and related appurtenances) which are installed or used by the owner or operator to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of the permit.

(f) Submittal of Requested Information

The owner or operator shall furnish to the California State Department of Health Services, within a reasonable time, any relevant information which the California State Department of Health Services may request to determine whether cause exists for modifying, revoking, and reissuing, terminating this permit, or to determine compliance with this permit. The owner or operator shall also furnish to the California State Department of Health Services, upon request, copies of records required to be kept by this permit.

(g) Inspection and Entry

The owner or operator shall allow authorized representatives of the California State Department of Health Services or the local health agency, upon the presentation of credentials and other documents as may be required by law to:

- (1) Enter at reasonable times upon the owner's or operator's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (3) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

- (4) Sample or monitor, at reasonable times, for the purposes of assuring permit compliance or, as otherwise authorized by law, any substances or parameters at any location.

(h) Monitoring and Records

- (1) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix 1 of 40 CFR Part 261 or an equivalent method approved by the California State Department of Health Services. Laboratory methods must be those specified in the approved operation plan.
- (2) The owner or operator shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit, and records of all data used to complete the application for this permit for a period of at least three years from the date of the sample, measurement, report, or record. These periods may be extended by request of the regional administrator at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
- (3) Records of monitoring information shall include:
- (i) The date, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.

(i) Planned Changes

The owner or operator shall give notice to the California State Department of Health Services, as soon as possible, of any planned physical alterations or additions to the permitted facility.

(j) Anticipated Noncompliance

The owner or operator shall give advance notice to the California State Department of Health Services of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.



(k) 24-Hour Reporting

The owner or operator shall report to the California State Department of Health Services any noncompliance which may endanger health or the environment. Any information shall be provided verbally within 24 hours from the time the owner or operator becomes aware of the circumstances. The following shall be included as information which must be reported verbally within 24 hours:

- (1) Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies.
- (2) Any information of a release or discharge of hazardous waste, or of a fire or explosion from the facility, which could threaten the environment or human health outside the facility. The description of the occurrence and its cause shall include:
  - (i) Name, address, and telephone number of the owner or operator;
  - (ii) Name, address, and telephone number of facility;
  - (iii) Date, time and type of incident;
  - (iv) Name and quantity of material(s) involved;
  - (v) The extent of injuries, if any;
  - (vi) An assessment of actual or potential hazard to the environment and human health outside the facility, where this is applicable; and
  - (vii) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within five days of the time the owner or operator becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the periods of noncompliance (including exact dates and times), and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The owner or operator need not comply with the 5-day written requirement if the California State Department of Health Services waives that requirement and the owner or operator submits a written report within 15 days of the time the owner or operator becomes aware of the circumstances.

(l) Other Noncompliance

The owner or operator shall report all other instances of noncompliance not otherwise required to be reported at the time monitoring or other

reports are submitted. The reports shall contain the information listed in II.6 (k) above.

(m) Other Information

Where the owner or operator becomes aware that he failed to submit any relevant facts in the permit application or submitted incorrect information in a permit application or any report submitted to the California State Department of Health Services, the owner or operator shall promptly submit such facts or information.

7. Signatory Requirement

All reports or other information requested by the California State Department of Health Services shall be signed by the owner or operator or the corporations' principal executive officer or, at least, the level of vice president. The person signing the document shall make the following certification:

"I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

8. Certification of Construction

The owner or operator may not commence storage or transfer of hazardous wastes at the facility nor in a modified portion of that facility until:

- (a) The owner or operator has submitted to the California State Department of Health Services by certified mail or hand delivery a letter signed by the owner or operator and an appropriate engineer registered in California stating that the facility has been constructed in compliance with the permit; and
- (b)
  - (1) The California State Department of Health Services has inspected the constructed facility and finds it is in compliance with the conditions of the permit; or
  - (2) The California State Department of Health Services has either waived the inspection or has not within 15 days notified the owner or operator of his or her intent to inspect.

9. Transfer of Permit

- This permit may be transferred to a new owner or operator only if it is modified or revoked and reissued pursuant to Section 122.15 (b) (2) or 122.17 (d), Title 40, CFR. The owner or operator shall notify the California State Department of Health Services of a proposed change in ownership of the

facility at least 30 days prior to the date of the transfer. Furthermore, before transferring ownership or operation of this facility during its operating life, the owner or operator shall notify the new owner or operator in writing of the requirements of this permit and the permitting process. A copy of this notification shall be submitted to the California State Department of Health Services.

**10. Compliance Schedules**

Reports of compliance or noncompliance with, or any reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each scheduled date.

**11. Records**

(a) The owner or operator shall maintain at his place of business and at the facility, until closure is completed and certified by an independent registered engineer in California so as to be available at all times to operating personnel, the following documents and amendments, revisions and modifications to these documents:

- (1) Waste Analysis Plan
- (2) Contingency Plan
- (3) Closure Plan
- (4) Personnel Training Documents and Records
- (5) Cost Estimate for Facility Closure
- (6) Operating Record
- (7) Inspection Schedules

All amendments, revisions, and modifications to any plan or cost estimates required by this permit shall be subject to the approval of the California State Department of Health Services.

(b) The owner or operator shall maintain a copy of this permit at his place of business and at the facility so as to be available at all times to operating personnel.

**12. References and Terminology**

All parts in this permit are identified by Roman numerals. The items set forth in each part shall apply to the owner, operators, and/or facility in addition to the items set forth in any preceeding and/or following part of this permit. Unless explicitly stated otherwise, all cross reference to items in this permit shall refer only to items occurring within the same part.

### III. SPECIAL CONDITIONS

#### 1. Hazardous Waste List

The owner or operator shall maintain current, the list of hazardous wastes that can be accepted by the facility presented in the approved operation plan. Additions to the list must first be approved by the California State Department of Health Services.

#### 2. Wastes Prohibited

Hazardous wastes described below shall not be handled or stored at the facility:

- (a) Extremely hazardous wastes as defined in Sections 66065 and 66685, Title 22, California Administrative Code, unless specifically approved by a written permit from the California State Department of Health Services.
- (b) Wastes in bulk.
- (c) Burning wastes.
- (d) Forbidden and Class A explosives as defined in Section 173.51 and 173.53, Title 49, Code of Federal Regulations.
- (e) Wastes containing polychlorinated biphenyls.
- (f) Greater than five gallons of water-reactive waste at any time.

#### 3. Maintenance and Operation of Facility

- (a) The facility shall be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or nonsudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
- (b) If wastes are found on the property outside of the facility fence they shall be handled in such a manner as to prevent public contact and be in accordance with the operation plan.

#### 4. Transfer of Wastes

- (a) Hazardous wastes shall not be permanently disposed of at the facility.
- (b) All equipment, pipes, and lines used at the facility to handle, transfer, pump, or store hazardous wastes shall be maintained in a manner that prevents the leaking and spilling of hazardous wastes.

#### 5. Operation at Night

When the facility is operated during hours of darkness, the owner or operator shall provide sufficient lighting to ensure safe, effective management of hazardous wastes.

**6. Public Water Supply**

If a public water supply is used at the facility the service connection shall be protected from contamination as specified in Section 7604, Title 17, of the California Administrative Code.

**7. Required Notice**

- (a) If the owner or operator has arranged to receive hazardous waste from a foreign source, he shall notify the California State Department of Health Services in writing at least four weeks in advance of the date that the waste is expected to arrive at the facility. Notice of subsequent shipments of the same waste from the same foreign source is not required.
- (b) When the owner or operator receives hazardous waste from an off-site source, he must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping. The owner or operator shall keep a copy of this written notice as part of the operating record.

**8. Analysis of Waste**

- (a) Upon the effective date of this permit, the owner or operator shall follow the written waste analysis plan as described in the approved operation plan.
- (b) Before the owner or operator treats or stores or disposes of a particular type of hazardous waste for the first time, he shall obtain a detailed chemical and physical analysis of a representative sample of the waste. At a minimum, this analysis shall contain all the information which must be known to treat or store the waste in accordance with the conditions of this permit.
- (c) The analysis may include data developed for other purposes, and existing published or documented data on the hazardous waste or on waste generated from similar processes.
- (d) The analysis shall be repeated, as necessary, to ensure that it is accurate and up-to-date. At a minimum, the analysis must be repeated when the owner or operator is notified or has reason to believe that the process operation generating the hazardous waste has changed.
- (e) The owner or operator shall verify its waste analysis as part of the quality assurance program. The quality assurance program will be in accordance with current U.S. Environmental Protection Agency (EPA) practices (test methods for evaluating solid waste: physical/chemical methods SW-846 dated July 1982) or equivalent methods approved by the California State Department of Health Services; and at a minimum ensure that the owner/operator maintain proper functional instruments, uses approved sampling and analytical methods, assures the validity of sampling and analytical procedures, and performs correct calculations.

**9. Security**

- (a) The perimeter of the hazardous waste area of the facility shall be secured by a well-maintained fence capable of preventing the intrusion of livestock and of discouraging entry by unauthorized persons.
- (b) The owner or operator shall maintain the following to control entry at all times to the active portion of the facility:
  - (1) A 24-hour surveillance system which continuously monitors and controls entry; or
  - (2) An artificial and/or natural barrier which completely surrounds the active portion of the facility and which has a means to control entry, at all times, through the gates or other entrances to the active portion of the facility.
- (c) Signs indicating that the facility, or the hazardous waste area of the facility, contains hazardous waste shall be placed on the perimeter fence and at locations where it is anticipated that hunters and other trespassers may enter the facility.

Wording of the signs shall be in English, "Caution-Hazardous Waste Area-Unauthorized Persons Keep Out", and Spanish, "Cuidado! Zona de Residuos Peligrosos. Prohibida la Entrada a Personas No Autorizadas." Signs shall be legible from a distance of 25 feet.

**10. Inspections**

- (a) The owner or operator shall inspect the facility for malfunctions and deterioration, operator errors, and discharges which may be causing --or may lead to -- release of hazardous waste constituents to the environment or a threat to human health. The owner or operator shall conduct these inspections often enough to identify problems in time to correct them before they harm human health or the environment.
- (b)
  - (1) The owner or operator shall follow the written schedule for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment (such as dikes and pumps) that are important to preventing, detecting, or responding to environmental or human health hazards as described in the approved operation plan.
  - (2) He shall keep this schedule at the facility.
- (c) The owner or operator shall remedy any deterioration or malfunction of equipment or structures which the inspection reveals on the schedule as described in the approved operation plan and which shall ensure that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.
- (d) The owner or operator shall record inspections in an inspection log or

summary and shall keep these records for at least three years from the date of inspection.

**11. Personnel Training**

- (a) Facility personnel shall successfully complete the program of classroom instruction or on-the-job training as described in the approved operation plan.
- (b) This program shall be directed by a person trained in hazardous waste management procedures.
- (c) Facility personnel shall have successfully completed the program required in Item 11 (a) by the effective date of this permit or within six months after the date of their employment or assignment to a facility or to a new position at the facility whichever is later. Employees hired after the effective date of this permit shall not work in unsupervised positions until they have completed the training requirements of Item 11 (a).
- (d) Facility personnel shall take part in an annual review of the initial training required in Item 11 (a).
- (e) The owner or operator shall maintain the following documents and records at the facility:
  - (1) The job title for each position at the facility related to hazardous waste management and the name of the employee filling each job;
  - (2) A written job description for each position listed under Item 11 (e) (1). This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit but shall include the requisite skill, education, or other qualifications and duties of facility personnel assigned to each position;
  - (3) A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under Item 11 (e) (1); and
  - (4) Records that document that the training or job experience required under Items 11 (a), (b), (c), and (d) has been given to and completed by facility personnel.
- (f) Training records on current personnel as required in Item 11 (e) (4) shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company.

**12. Management of Ignitable, Reactive, or Incompatible Wastes**

- (a) The owner or operator shall take precautions to prevent accidental

ignition or reaction of ignitable or reactive wastes. This waste shall be separated and protected from sources of ignition or reaction. While ignitable or reactive waste is being handled, the owner or operator shall confine smoking and open flame to specially designated locations. "No Smoking" signs shall be conspicuously placed wherever there is a hazard from ignitable or reactive waste.

- (b) The handling and storage of ignitable or reactive waste, and the mixture or commingling of incompatible wastes, or incompatible wastes and materials shall be conducted so that it does not:
  - (1) Generate extreme heat or pressure, fire or explosion, or violent reaction;
  - (2) Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
  - (3) Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
  - (4) Damage the structural integrity of the device or facility containing the waste; or
  - (5) Through other like means threaten human health or the environment.
- (c) When required to comply with Items 12 (a) and (b), Part III of this permit, the owner or operator must document that compliance. This documentation may be based on references to published scientific or engineering literature, data from trial tests, waste analyses, or the results of the treatment of similar wastes by similar treatment processes and under similar operating conditions.
- (d) The following incompatible hazardous waste groups shall be adequately separated from each other during all handling and storage operations:
  - (1) Alkalies and cyanides;
  - (2) Acids;
  - (3) Strong oxidizers;
  - (4) Toxic wastes, pesticides, and flammable wastes.
  - (5) Water reactive wastes may be stored in either the alkali and cyanide area or the oil area if a separate oil area is established.
- (e) Each hazardous waste storage area shall be individually marked with the internationally recognized hazard identification system placards developed by the National Fire Prevention Association (NFPA).

### 13. Location Standards

- (a) The owner or operator shall not store hazardous wastes within 61



meters (200 feet) of a fault which has had displacement in the last 11,000 years. (New facilities or modification to existing facilities only.)

- (b) The owner or operator shall ensure that the facility is designed, constructed, operated, and maintained to prevent washout of any hazardous waste by a 100-year flood or that the wastes can be removed safely, before flood waters reach the facility, to a location where the wastes will not be vulnerable to flood waters.

**14. Required Equipment**

- (a) Upon the effective date of this permit, the owner or operator shall have available at the facility all required safety and emergency equipment as described in the approved operations plan.
- (b) The facility water supply system shall be capable of providing water in adequate volume and pressure to maintain water hose streams.
- (c) Owner or operator shall maintain access to communication or alarm system specified in the approved operation plan.

**15. Testing and Maintenance of Equipment**

All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment shall be tested and maintained as necessary to ensure its proper operation in time of emergency.

**16. Required Aisle Space**

The owner or operator shall maintain aisle space as needed to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment.

**17. Arrangements with Local Authorities**

- (a) Upon the effective date of this permit, all emergency response arrangements made by the facility with local authorities as described in the approved operation plan shall have been effected.
- (b) If local authorities refuse to enter into preparedness and prevention arrangements with the owner or operator, the owner or operator shall document this refusal in the operating record.

**18. Contingency Plan**

**(a) Maintenance**

Upon the effective date of this permit, the owner or operator shall follow the contingency plan described in the approved operation plan.

**(b) Distribution**

A copy of the contingency plan and all revisions to the plan shall be:

(1) Maintained at the facility; and

(2) Submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services.

(c) Implementation

The provisions of the contingency plan shall be carried out immediately wherever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

(d) Amendment of Contingency Plan

The contingency plan shall be reviewed and immediately amended, if necessary, whenever:

(1) Applicable regulations are revised;

(2) The plan fails in an emergency;

(3) Whenever the permit is revised;

(4) The list of emergency coordinators changes; or

(5) The list of emergency equipment changes; and

(6) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments to the contingency plan.

(e) Emergency Coordinator

At all times there shall be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator shall be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristics of waste handled, the location of all records within the facility, and the facility layout. In addition, this person shall have the authority to commit the resources needed to carry out the contingency plan.

(f) Emergency Procedures

(1) Whenever there is an imminent or actual emergency situation, the emergency coordinator (or his designee when the emergency coordinator is on call) shall follow the procedures of the contingency plan as described in the approved operation plan.

(2) The owner or operator shall notify the California State Department of Health Services and local authorities that the cleanup

procedures are complete and all emergency equipment listed in the contingency plan is clean and fit for its intended use before operations are resumed.

- (3) The owner or operator shall note in the operating record the time, date, and details of any incident that required implementing the contingency plan.
- (4) The owner or operator shall report each incident to the California State Department of Health Services in accordance with the 24-hour reporting requirement contained in II.6 (k) of this permit.

19. Manifest System (Off-site facilities only)

(a) The owner or operator shall:

- (1) Require that a manifest be completed for all hazardous waste accepted except that receipt form number one in the operation plan may be substituted for the manifest for homeowners' wastes.
- (2) Inspect wastes before accepting them to ensure that the delivered waste has essentially the same general properties as identified by the generator on the manifest;
- (3) Complete the appropriate section of the manifest;
- (4) Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;
- (5) Note any significant discrepancies in the manifest on each copy of the manifest;
- (6) Immediately give the transporter at least one copy of the signed manifest;
- (7) Send legible copies of all completed hazardous waste manifests and summary sheets (form 2 in operation plan) to the California State Department of Health Services on a monthly basis in conformance with Section 66550, Title 22, California Administrative Code;
- (8) Within 30 days after delivery, send a copy of the manifest to the generator;
- (9) Retain at the facility a copy of each manifest for at least three years from the date of delivery.
- (10) Submit to the California State Department of Health Services by the last day of each month information on the hazardous waste delivered to him during the previous month consisting of a legible copy of the completed manifest for each load of hazardous wastes accepted, and a report that summarizes the numbers of loads of hazardous wastes received;

(b) Manifest Discrepancies

- (1) Upon discovering a significant discrepancy between the quantity or type of hazardous waste designated on the manifest and the quantity or type of hazardous waste the facility actually receives, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). A significant discrepancy in quantity is for batch waste, any variation in piece count such as a discrepancy of one drum in a truckload.
- (2) Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis such as waste solvent substituted for waste acid or toxic constituents not reported on the manifest. If the facility can accept the waste after its actual identity is revealed, the owner or operator may accept the waste.

If the facility cannot accept the waste, the owner or operator shall immediately notify the California State Department of Health Services of that fact, identify the transporter and generator of the waste, and refuse to accept the waste. If the owner or operator can accept the waste, he shall note on the copy of the manifest which he submits to the California State Department of Health Services and on the copy which he retains how the discrepancy was resolved. If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the California State Department of Health Services a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest at issue.

(c) Unmanifested Wastes

If the facility receives for storage, any hazardous waste from an off-site source without an accompanying manifest, and a manifest is prepared on the spot after load verification, waste analysis, etc., to comply with 19 (a) (1), the owner or operator shall prepare and submit a single copy of a report to the California State Department of Health Services within 15 days after receiving the waste. If the facility rejects an unmanifested load, the same reporting requirement shall apply.

The report shall include the following information:

- (1) The EPA identification number, name, and address of the facility;
- (2) The date the facility received/rejected the waste;
- (3) The EPA identification number, name, and address of the generator and the transporter, if available;
- (4) The description and quantity of each unmanifested hazardous waste the facility received/rejected;

- (5) The method of treatment, storage, or disposal for each hazardous waste;
- (6) The certification signed by the owner or operator of the facility or his authorized representative; and
- (7) A brief explanation of why the waste was unmanifested, if known.

20. Recordkeeping and Reporting

(a) Availability, Retention, and Disposition of Records

- (1) All records including plans, required in this permit shall be furnished upon request, and made available at all reasonable times for inspection, by any officer, employee, or representative of the California State Department of Health Services.
- (2) The retention period for all records required in this permit is extended automatically during the course of any unresolved enforcement action regarding the facility or as requested by the California State Department of Health Services.

(b) Operating Record

- (1) The owner or operator shall keep a written operating record at the facility.

The following information shall be recorded, as it becomes available, and maintained in the operating record until closure of the facility:

- (i) A description and the quantity of each hazardous waste received, and the method(s) and date(s) of its storage at the facility;
- (ii) The location of each hazardous waste within the facility and the quantity at each location. This information shall include cross-references to specific manifest document numbers, if the waste was accompanied by a manifest;
- (iii) Records and results of waste analyses and trial tests performed;
- (iv) The above information need be kept for only three years for hazardous wastes not subject to regulation under the Federal Resource Conservation and Recovery Act (RCRA), (i.e. hazardous wastes that are produced by small generators and homeowners). The above information relating to hazardous wastes produced by all other generators must be kept until closure of the facility.
- (v) Summary reports and details of all incidents that require implementing the contingency plan;

(vi) Records and results of inspections (except these data need be kept only three years);

(vii) Required monitoring, testing, or analytical data; and

(viii) All closure cost estimates.

(c) Annual Report

The owner or operator shall prepare and submit a single copy of an annual report to the California State Department of Health Services by March 1 of each year beginning March 1, 1984. The annual report shall cover facility activities during the previous calendar year and shall include the following information:

- (1) The EPA identification number, name and address of the facility;
- (2) The calendar year covered by the report;
- (3) The EPA or California State Department of Health Services identification number of each hazardous waste generator from which the facility received a hazardous waste during the year; for imported shipments, the report shall give the name and address of the foreign generator;
- (4) The description quantity and method of treatment, storage, and disposal of each hazardous waste the facility received during the year, listed by EPA or California State Department of Health Services identification number of each generator; and
- (5) The most recent closure cost estimate.

(d) Additional Reports

In addition to submitting the annual report required in Item 20 (c), the owner or operator shall also report to the California State Department of Health Services:

- (1) Releases, fires, and explosions; and
- (2) Facility closure.

21. Closure

(a) Closure Plan and Amendment of Plan

- (1) The owner or operator shall comply with the closure plan as described in the approved operation plan.
- (2) The owner or operator may amend his closure plan at any time during the active life of the facility. (The active life of the facility is that period during which wastes are periodically received.) The owner or operator shall amend his plan any time

changes in operating plans or facility design affect the closure plan.

(3) The owner or operator shall submit to the California State Department of Health Services within 30 days any proposed amendments made to the closure plan.

(4) The owner or operator shall notify the California State Department of Health Services at least 180 days before the date he expects to begin closure.

(b) Time Allowed for Closure

(1) Within 90 days after receiving the final volume of hazardous wastes, the owner or operator shall treat all hazardous wastes in storage or in treatment or remove them from the site in accordance with the approved closure plan.

(2) The owner or operator shall complete closure activities in accordance with the approved closure plan and within six months after receiving the final volume of wastes.

(c) Disposal or Decontamination of Equipment

(1) If it is deemed necessary by the California State Department of Health Services, the owner or operator shall have the cement slab and/or soil tested for various constituents as determined by the California State Department of Health Services. Analyses shall be performed by a laboratory approved by the California State Department of Health Services.

(2) When closure is completed, all facility equipment and structures shall have been properly disposed of or decontaminated by removing all hazardous waste and residues.

(d) Certification of Closure

When closure is completed, the owner or operator shall submit to the California State Department of Health Services certification both by the owner or operator and by an independent engineer registered in California that the facility has been closed in accordance with the specifications in the approved closure plan.

22. Financial Responsibility

(a) Liability Insurance

(1) The owner or operator shall have liability insurance coverage as described in the operation plan and supplements.

(2) A copy of the insurance policy shall be submitted to the California State Department of Health Services at least 60 days prior to the initial receipt of hazardous wastes.

(b) Cost Estimate for Facility Closure

- (1) The owner or operator shall have a written estimate of the cost of closing the facility in accordance with the applicable closure requirements of this permit. The owner or operator shall keep this estimate, and all subsequent estimates, at the facility. The estimate shall equal the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive as indicated by its closure plan.
- (2) The owner or operator shall prepare a new closure cost estimate whenever a change in the closure plan affects the cost of closure.
- (3) On each anniversary of the effective date of this permit, the owner or operator shall adjust the latest closure cost estimate using an inflation factor derived from the annual Implicit Price Deflator for Gross National Product as published by the U.S. Department of Commerce in its SURVEY OF CURRENT BUSINESS. The inflation factor shall be calculated by dividing the latest published annual Deflator by the Deflator for the previous year. The result is the inflation factor.

The adjusted closure cost estimate shall equal the latest closure cost estimate times the inflation factor.

- (4) The adjusted closure cost estimate shall be submitted to the California State Department of Health Services as part of the annual report required in III 20 (c).

(c) Financial Assurance for Facility Closure

The permittee shall demonstrate continuous compliance with 40 CFR 264.143 and .145 or where applicable with 40 CFR 264.145, .149, .150, and .151 by providing documentation of financial assurance in at least the amount of the cost estimates required by permit condition III 22 (b).

- (d) An owner or operator who fulfills the requirements of III 22 (c) by obtaining a letter of credit, surety bond, or insurance policy will be deemed to be without the required financial assurance in the event of a bankruptcy, insolvency, or a suspension or revocation of the license or charter of the issuing institution. The owner or operator must establish other financial assurance within 60 days of such events.
- (e) The owner or operator shall comply with all other financial responsibility and facility closure requirements of the California State Department of Health Services when enacted.

IV. STORAGE OF WASTES

1. General Conditions

- (a) Hazardous waste shall not be stored at the facility for longer than



one year without written approval from the California State Department of Health Services.

- (b) If a hazardous waste is stored at the facility longer than one year, the owner or operator shall submit to the California State Board of Equalization fees due and payable in conformance with Chapters 1-8, Part 22, Division 2, Revenue and Taxation Code and with Article 8, Chapter 30, Division 4, Title 22, California Administrative Code.
- (c) Hazardous waste shall be stored in a secure enclosure such as a building, room, or fenced area which shall prevent unauthorized persons from gaining access to the waste and in a manner that will prevent spills.

## 2. Storage in Containers

### (a) Conditions

- (1) Containers used for storing hazardous waste shall be in a condition such that the containers can be safely transported, handled, or moved.
- (2) If a container holding hazardous waste is not in good condition, or if it begins to leak, the owner or operator shall transfer the hazardous waste from this container to a container that is in good condition, or manage the waste in some other way that complies with the conditions of this permit.

### (b) Compatibility of Waste

- (1) The owner or operator shall use a container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
- (2) Areas used for storing containers of hazardous waste shall be widely separated, or physical barriers shall be provided to ensure that commingling of incompatible hazardous wastes cannot occur if a container ruptures.

### (c) Management

- (1) Containers holding hazardous wastes shall be stored only in the area designated in the approved operation plan.
- (2) A container holding hazardous waste shall remain closed during storage, except when it is necessary to add or remove waste.
- (3) A container holding hazardous waste shall not be opened, handled, or stored in a manner which might rupture the container or cause it to leak.
- (4) All hazardous wastes must be packed in containers the same day as received.

(5) A label shall be maintained on all containers in which hazardous wastes are stored for 90 days or more and records for the storage of all hazardous wastes shall be maintained pursuant to Section 66454, Title 22 of the California Administrative Code. Labels shall include the following information:

- (i) Composition and physical state of the waste;
- (ii) Special safety recommendations and precautions for handling the waste;
- (iii) Statement or statements which call attention to the particular hazardous properties of the waste;
- (iv) Amount of waste and name and address of the person producing the waste; and
- (v) Date of acceptance at the storage facility.

(6) Empty containers contaminated with hazardous materials shall be stored, handled, and processed as hazardous wastes.

(7) The total number of containers storing hazardous waste in a storage area shall not exceed the design capacity at any one time.

(8) To prevent hazardous waste from being blown by the wind, hazardous waste in the form of powder, dust, or a fine solid shall be handled and stored in covered containers or if the waste is not water-reactive, shall be wetted as a slurry.

(9) Asbestos wastes in sealed, nonreturnable containers shall be handled and covered without opening, breaking, or rupturing the containers.

(10) The operator shall store and handle emptied pesticide containers in accordance with the requirements of Chapter 30, Division 4, Title 22, of the California Administrative Code and Article 10, Group 3, Subchapter 3, Chapter 4, Title 3, of the California Administrative Code.

(11) Water-reactive hazardous waste shall be stored in a rain-tight and waterproof area.

(d) Inspections

The owner or operator shall inspect areas where containers are stored in accordance with the written inspection schedule of the approved operation plan.

(e) Containment

The owner or operator shall provide a spill containment system in accordance with the approved operation plan. Specifically, each hazardous waste storage area shall have a continuous base that is impervious

to the waste stored and shall be designed and constructed so that any surface water runoff or spills can be contained, and surface water runoff can be excluded. The containment system shall have sufficient capacity to contain ten percent of the volume of containers or the volume of the largest container, whichever is greater. The following areas shall contain no more than the following number of drums:

acid, toxic, oxidizer	-	84 drums each
caustic	-	105 drums
flammable	-	53 drums

(f) Ignitable or Reactive Waste

Containers holding ignitable or reactive waste shall be situated at least 12 meters (40 feet) from the property line of the facility.

(g) Incompatible Waste

- (1) Incompatible wastes, or incompatible wastes and materials, shall not be placed in the same container, unless the requirements of Item 12 (b), Part III of this permit are met.
- (2) Hazardous waste shall not be placed in an unwashed container that previously held an incompatible waste or material unless the requirements on Item 12 (b), Part III of this permit are met.
- (3) A storage container holding a hazardous waste that is incompatible with any waste or material stored nearby in other containers, shall be separated from the other materials or protected from them by means of a berm.

(h) Closure

The owner or operator shall close the container storage area in compliance with the approved closure plan.

3. Recycling

If requested by the California State Department of Health Services in accordance with Article 12, Chapter 30, Division 4, Title 22, California Administrative Code, the owner or operator shall submit a written statement justifying having not recycled a waste which the Department has determined to be recyclable.

BAY AREA ENVIRONMENTAL  
STORAGE/TRANSFER STATION

Richmond, Calif.

Attachment 2

DRUM PACKING SLIP

Drum No. \_\_\_\_\_

Shipped to: \_\_\_\_\_ Date: \_\_\_\_\_ Manifest No.: \_\_\_\_\_

Container Size	Quantity	Description	Chemical Property	Solid/ Liquid	BAE Receipt No.